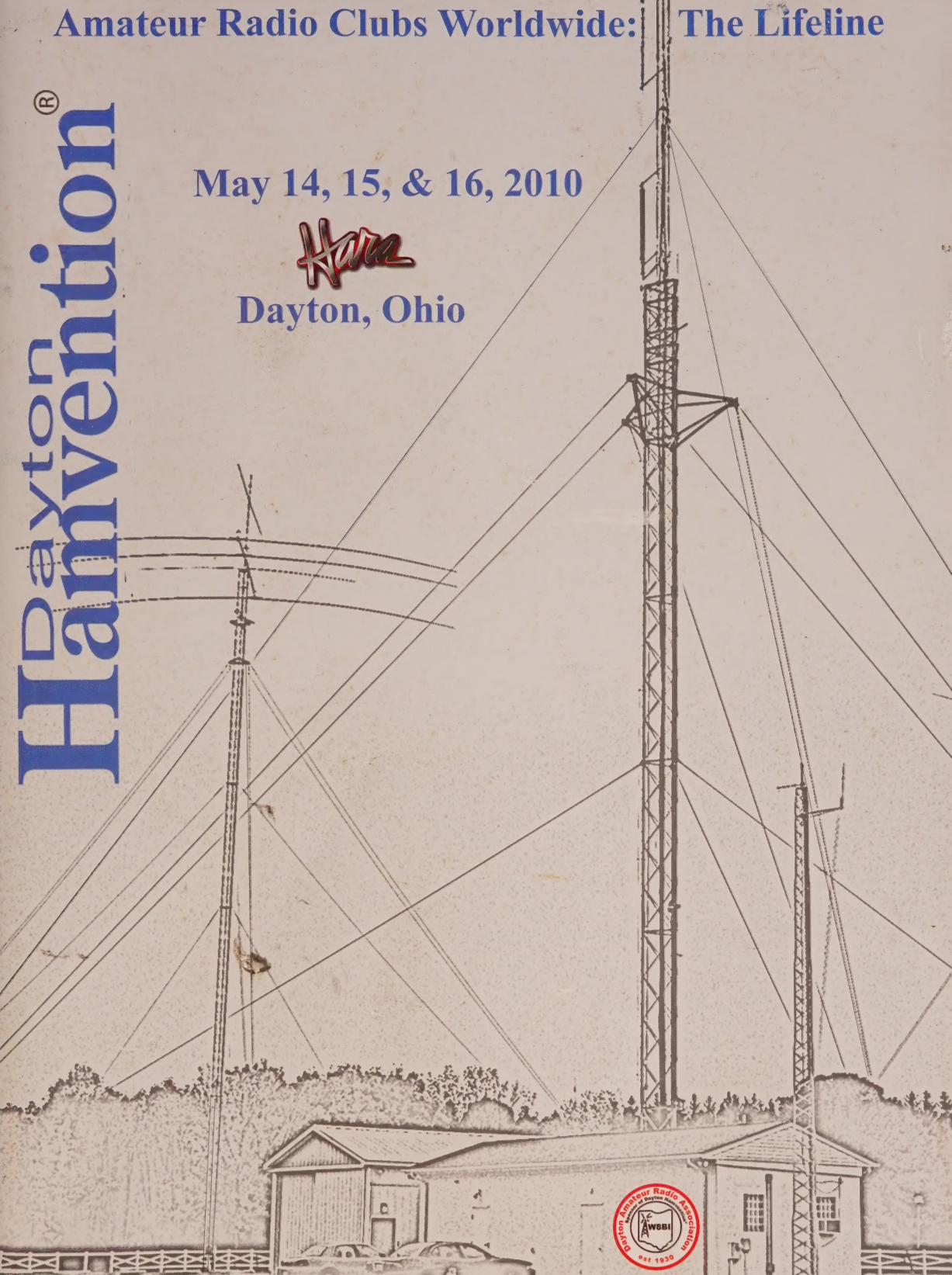
Amateur Radio Clubs Worldwide: The Lifeline

Dayton Hamvention®

May 14, 15, & 16, 2010

Hara

Dayton, Ohio



The Dayton/Montgomery COUNTY Convention & Visitors Bureau

Welcomes

HAMVENTION!

Dayton OHIO

Be sure to enjoy the Greater Dayton area restaurants, attractions, and shops while you're here!

For information call the Dayton/Montgomery County Convention & Visitors Bureau today!

1-800-221-8235

www.daytoncvb.com

DAYTON CONVENTION & VISITORS BUREAU MONTGOMERY COUNTY

Ohio
The State of Perfect Balance

Welcome to the 2010 Dayton Hamvention®

On behalf of the Dayton Amateur Radio Association, we would like to warmly welcome you to Dayton Hamvention® 2010. We know many of you have traveled great distances to celebrate your love of the hobby and we are very pleased you are here to enjoy this great event.

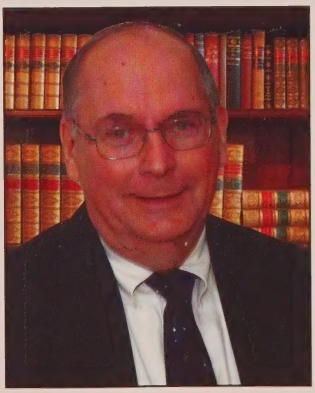
This year our theme is, *Amateur Radio Clubs Worldwide: The Lifeline*. We recognize the major contribution clubs all over the world have made. These contributions cover everything from working with youth, providing communication in emergency situations, and generally advancing the hobby. In many regions of the world Amateur Radio Clubs are the hub of radio communications for small communities. This year to align with our theme we are very excited to be honoring one club as the Club of the Year!

We want to thank the members of our own club for all of their hard work to put on a show of this magnitude. We also want to thank all of the vendors for their hard work and dedication. Without the teamwork between these two groups Hamvention® would not be what it is today.

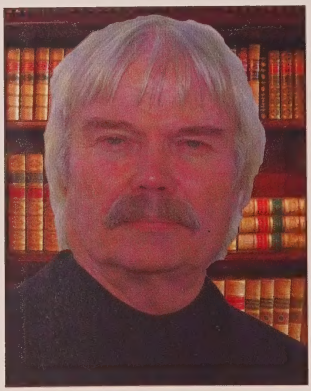
We hope you enjoy Dayton Hamvention® 2010 and we sincerely appreciate your support.

73,
Lee Boeckerman, W8LFB
General Chairman
Dayton Hamvention® 2010

Michael Kalter, W8CI
Assistant General Chairman
Dayton Hamvention® 2010



Lee Boeckerman, W8LFB
General Chairman



Mike Kalter, W8CI
Assistant General Chairman

Table of Contents

Activities & Times 3
ADA Parking 6
Affiliated Events 9-12
Award Winners 35-36
Award Winners – Previous 37
Bus Service 5
Club of the Year 14
Comments Invited 8
DARA – Past Presidents 47
DARA Booth 4
DARA Officers 48
Dayton Hamvention® Committee 15
Emergency Medical Care 4
Exhibitors ..... 16 -17
Exhibitors Map ..... 18 -19
Flea Market West Map ..... 20 -21
Flea Market East Map 22-23
Forums Schedule 27
Forums Friday ..... 28 -32
Forums Saturday ..... 32 -34,38 -39, 43 - 44
Forums Sunday ..... 44 -46
Future Dayton Hamvention® Dates 5
Hamvention® Past General Chairs 13
Hamvention® Phone Numbers 8
Homebrew Round-up 46
License Exams 4
Lost & Found 4
Motels 7
Parking 5
Prizes 26
Scholarships ..... 40 - 42
Scooters 5
Services 4
Shipping Service 4
Special Event Station 4
Talk-in Frequencies 4
Taxi Information 5
Temporary Loading Pass 5
Tickets 3
Transportation & Parking 5, 6
Welcome Messages 1, 8

Advertiser's Index

ARRL Exhibit & Activities Guide 24-25
Dayton/Montgomery County Convention & Visitors Bureau ..... Inside Front Cover
Dayton Amateur Radio Association Inc. ..... Inside Back Cover
Ham Radio Germany (DARC) 3
Kenwood ..... Back Cover
W & W Manufacturing Co 9

Publication Deadline

Information to be included in the Hamvention® Program must be submitted to the appropriate Hamvention® Committee no later than April 1 of the publication year.

Cover

The front cover was created by Jerry Miller, WD8QAI, in recognition of our theme of *Amateur Radio Clubs Worldwide: The Lifeline.* The sketch is based on a photo of DARA's Clubhouse.

The Dayton Hamvention® Program is published by the Hamvention® Committee. Permission is granted for reprinting articles, provided credit is given to the original author and the Hamvention® Program.

Souvenir Program Committee

Chair ..... Jerry Miller, WD8QAI
Asst. Chair ..... Mel Berman, W8GTR
Proofreaders ..... Mel Berman, W8GTR
Barb Holmes, N8EYW
Tom Holmes, N8ZM
Nancy Makley, KC8GYW

The Dayton Amateur Radio Association (DARA) and Hamvention® fully support and are committed to the objectives of the Americans with Disabilities Act (ADA). We strive to provide equal opportunity to all ADA qualified persons who participate in Hamvention®. Our objective is to provide access to the event and we expect nothing less of those who provide building facilities, exhibits and services to our event.

Activities & Times

FRIDAY ACTIVITIES

8:00 a.m. - 6:00 p.m. Flea Market open. Bus service available starting 7:00 a.m. (Buses are scheduled to pick up passengers to arrive at HARA by 8 a.m.) Programs available at all ticket selling points & DARA Booth.
9:00 a.m. - 6:00 p.m. Inside Exhibits open, prizes on display, and exams.
9:15 a.m. - 5:00 p.m. Forums and scheduled activities.
11:00 a.m. - 6:00 p.m. Hourly prize drawings.

SATURDAY ACTIVITIES

8:00 a.m. - 5:00 p.m. Flea Market open. Bus service available.
9:00 a.m. - 5:00 p.m. Inside Exhibits open, exams, and scheduled activities.
9:15 a.m. - 5:00 p.m. Forums and scheduled activities.
9:00 a.m. - 3:00 p.m. Hourly prize drawings.

SUNDAY ACTIVITIES

8:00 a.m. - 1:00 p.m. Flea Market open.
8:00 a.m. - 3:00 p.m. Bus service available.
9:00 a.m. - 1:00 p.m. Inside Exhibits open, prizes on display.
9:00 a.m. - 12:00 p.m. Hourly prize drawings.
9:15 a.m. - 12:00 p.m. Forums and scheduled activities.
1:00 p.m. Award Winners' Presentation in Hara Arena.
1:00 p.m. Prize Drawing in Hara Arena (unclaimed hourly prizes, followed by main prizes). Bus Service will be available for a short time after the main prize drawing.

Tickets

Full-price tickets are available at the Hara Arena Box Office (Door #14) and the East Hall (Door #26) during the times shown below. A General Admission ticket is required to enter both the Inside Exhibits and the Flea Market. The tickets are $25.00 and valid for all three days. All persons over 12 years of age attending the Hamvention® Inside/Flea Market Exhibits are required to have an admission ticket. Age 12 years and under are FREE.

Individual bus tickets for transportation between Remote Parking at the former Salem Mall and Hara Arena will be available at the Alternate Parking Site for $3.00 per day or $8.00 for a weekend pass. Children under 45" or 12 years of age ride the bus free.

Ticket Sales Hours

Friday .....7:00 a.m. to 6:00 p.m.
Saturday .....7:00 a.m. to 5:00 p.m.
Sunday .....7:00 a.m. to 12:00 p.m.

HAM RADIO
Europe's No. 1!
35 years International Amateur Radio Exhibition
June 25–27, 2010
Messe Friedrichshafen/Germany
DARC's 60th anniversary
▪ 200 exhibitors from 30 countries
▪ 17,000 visitors
▪ Meetings, seminars, Hamfest
COME JOIN US and see this most scenic region of Germany on the shores of Lake Constance.
DARC
Fr. to Sat. 9 a.m. – 6 p.m.
Sun. 9 a.m. – 3 p.m.
www.hamradio-friedrichshafen.com
MESSE FRIEDRICHSHAFEN
with · HAMtronic · Electronics · Internet · Computer
www.lovelliekunter.de

Services

BAGGAGE CHECK

Baggage can be checked for $3.00 per claim check in the Baggage Check room located across the hall from Forum Room 3, just inside Conference Center entrance (Door #6) on the left. All items must be reclaimed by closing time each day. No overnight storage is permitted. Time extended to 3:00 p.m. on Sunday.

BANKING SERVICES

Local banks are located in the former Salem Mall area. (See map on page 46.) An ATM is located to the right of Hara Arena's front door and opposite booth 483 (See map on pages18-19.)

DARA BOOTH

The DARA Booth is located in the lobby of Hara Arena. DARA memberships and programs are available.

EMERGENCY MEDICAL CARE

On-site Emergency Medical Services are located to the right of the Conference Center Entrance. See the Exhibits Map on Pages 18-19.

Emergency care is also available from the following:

Doctors' Urgent Care
5915 N. Main Street, (937) 278-3826
8:30 a.m. - 10:00 p.m.

From Hara Arena: take Shiloh Springs east to traffic light at Main St. Turn left to second building on left.

Good Samaritan Hospital
2222 Philadelphia Dr., (937) 278-2612

From Hara Arena: take Wolf Road to Salem Ave. Turn left, proceed to the traffic light at Philadelphia. Follow signs to ER Entrance.

LOST & FOUND

The DARA Booth located in the Hara Arena Lobby will accept lost items. Items can be retrieved at this location the day the item was lost. To retrieve lost items later, please go to Hara Arena Box Office.

MESSAGE CENTER

Leave a message for your friends by submitting their call sign and message at the DARA Booth in the Hara Arena Lobby. Prize Monitors throughout the arena complex will periodically list "message holding" by call sign.

LICENSE EXAMS

Technician, General and Amateur Extra Class exams will be given at Hara Arena on Friday at 2:30 p.m. and Saturday at 9:30 a.m. and 1:30 p.m. Pre-registration is not required. Those requiring special assistance (no stairs, verbal exam), please stop by our registration table early.

Each attendee must have the following:

1. The original and a copy of your current amateur license.
2. The original and a copy of any CSCEs.
3. A completed 605 form.
(Blank forms will be available.)
4. A government issued photo ID
(For example: a Driver's License.)

SHIPPING SERVICE

The UPS Store offers freight service from the floor of Hamvention, near the North Hall entrance (Door #20) Booths 167 & 168. See map on Pages 18-19. Hours are as follows:

Friday	9:00 a.m. - 6:00 p.m.
Saturday	9:00 a.m. - 5:00 p.m.
Sunday	9:00 a.m. - 1:00 p.m.

SPECIAL EVENT STATION

The Special Event Station (W8BI) will operate in the Ballarena inside Door #1. The Station will be operating the hours of the Inside Exhibits.They will be operating at the following frequencies:

7.227/7.050, 14.270/14.050, 28.470/28.050, 443.775/448.775 IRLP Node #4267

QSLs & certification: Hamvention®, PO Box 964, Dayton, OH 45401 include an 8 x 11 SASE.

TALK-IN FREQUENCIES

For directions and assistance in the Dayton area during your visit to Hamvention®, contact "Talk-In" on the DARA Repeater 146.94 (-) with a backup frequency of 146.64(-). Dayton Hams also monitor 223.94 (-) and 442.1 (+).

Transportation & Parking

PARKING & BUS SERVICE

Satellite Parking - at the former Salem Mall located at the corner of Shiloh Springs Road and Salem Avenue (See map on page 47): Bus Service is provided to and from Hamvention®. Buses run continuously starting at 7:00 a.m. and complete their routes as quickly as possible. Due to changing traffic patterns and bus loads, an exact bus schedule is impossible. The fee for bus service is $3.00 per day or $8.00 for the weekend, collected on in-bound trips only. Keep your bus ticket as there is no limit on the number of times you may ride the bus per day.

PAID PARKING

Hamvention® has no paid parking available at the Arena, but paid parking for $10 per day will be available in the lots across from Hara Arena on Wolf Road. Hamvention® has no control over that parking. The parking is on grass lots so weather conditions will determine how many spots are available. In the past, some churches and other businesses have offered paid parking near Hamvention®, but we have no information on whether any of those spots will be available this year or what their cost might be. The easiest choice is to park at the former Salem Mall and ride the bus to the Arena.

TRUCK & TRAILER PARKING

Semi-trucks and/or trailers, other over-sized vehicles and large self-contained vehicles can park in designated areas at the former Salem Mall located at the corner of Shiloh Springs Road and Salem Avenue (See Map on page 47). No overnight camping is permitted. Trailers must be removed by 9 p.m. each day.

Future Hamvention® Dates

May 20, 21, & 22, 2011
May 18, 19, & 20, 2012
May 17, 18, & 19, 2013

CAMPER PARKING

Campers, trailers, self-contained vehicles, or vehicles that require more than one space can park at the former Salem Mall located at the corner of Shiloh Springs Road and Salem Avenue (See map on page 47). From there you may take the bus to Hara Arena. The fee for bus service is $3.00 per day or $8.00 for the weekend, collected on in-bound trips only. No overnight camping is allowed.

Campers and trailers may park or camp at Tall Timbers KOA Campground (1-937-833-3888). Bus service will be available. The fee for bus service is $3.00 per day or $8.00 for the weekend, collected on in-bound trips only.

TEMPORARY LOADING PASS

A temporary loading pass may only be obtained from the guard at Entrance 1 during the show (see ADA map on Page 6). This restricted loading pass will be valid for 20 minutes and will allow you to use a designated area to load and unload equipment, or to pick up your exhibitor packet at the Exhibits Office. These passes will be time stamped and must be given to the guard at the Exit when you leave.

Scootaround
Mobility Product Rentals

SCOOTERS

Arrangements may be made by contacting ScootAround Inc toll-free at 1-888-441-7575, by email at info@scootaround.com, through their website at www.scootaround.com, or by fax at (204) 478-1172. Rental rate is $165.00 based on a three-day period. Equipment will be available on site based on availability for $65.00 a day. Advance reservations are encouraged. To pick up your scooter, please go to Door 26, see map on Pages 18-19.

TAXI INFORMATION

Miami Liberty Cab 937-222-2822
Checker Cab 937-222-4011
Antons 937-252-4756
Air City Cab..... 937-252-4444

Transportation & Parking (Continued)

ADA PARKING

Hamvention® does not have any public parking immediately at HARA Arena; however, it has been our desire and policy for many years to accommodate those individuals with special needs. We are very sensitive to those needs and have gone well beyond all regulations to secure (at extra cost to Hamvention®) a limited number of spaces for these needs. Unfortunately the demand for ADA/Handicapped parking continues to grow dramatically each year and we simply are unable to accommodate everyone who requests a space.

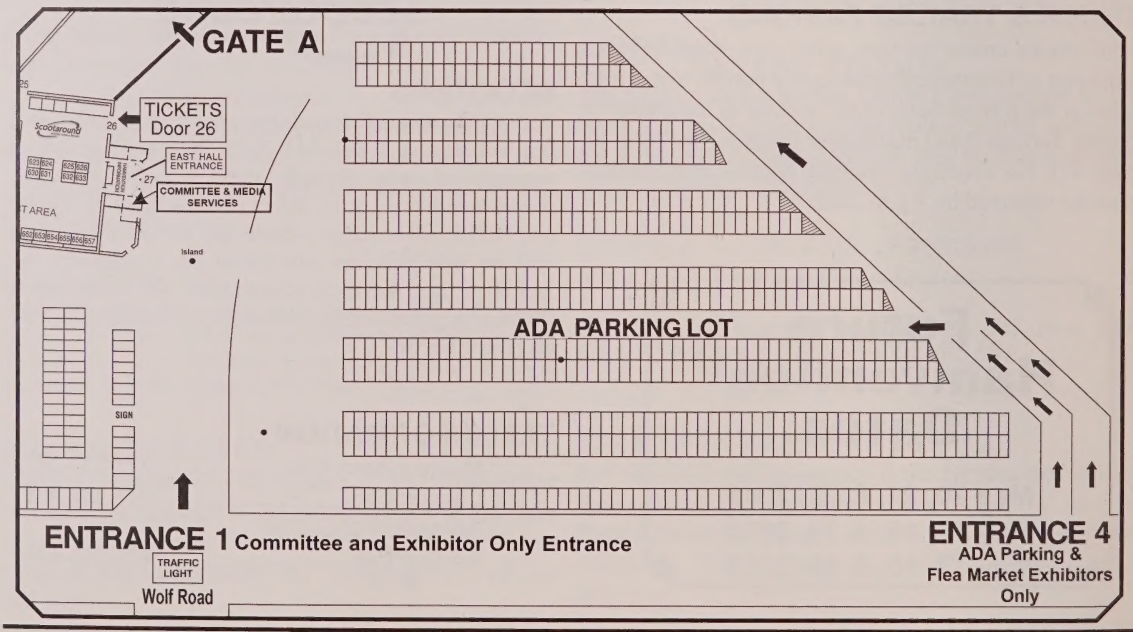
Therefore, as in past years, we require that you send with your ticket request a copy of your State Issued ADA Parking Certificate and registration, along with an SASE, and we will process your request in the order in which it is received. Please remember, there are a very limited number of ADA/Handicapped parking spaces available, so get your request in early.

We have set aside twenty (20) "Reserved" ADA Parking spaces for those individuals who were unaware of/or choose not to follow our recommendation to register early. Please understand if you choose to wait and just come to the show, the probability that you will find no ADA/Handicapped spaces available is extremely high.

Again, we STRONGLY urge you to send in your request early and in advance of the show.

The ADA parking fees remain the same as last year: $8.00 per day per car and $25.00 per day for campers, etc, payable at the gate. (Please note: Overnight campers, etc., are not permitted at Hara Arena.)

Please note: The buses running from Remote Parking to Hara Arena front entrance are ADA equipped.



Dayton Hamvention®
Sponsored by Dayton Amateur Radio Association
Since 1952

Motels

The following are approved and recommended Hamvention properties. Contact the hotel directly for best prices.

Days Inn Huber Heights
7761 Old Country Court
Huber Heights, Oh 45424

Springhill Suites
407 N Springboro Pike
Dayton, Oh 45449

Country Inn & Suites North
3661 Maxton Road
Dayton, OH 45414-2433

Knights Inn – Dayton North
3663 Maxton Road
Dayton, OH 45414-2433

Super 8
550 E. National Road
Vandalia, OH 45377

Comfort Suites – Miamisburg
42 Prestige Plaza Drive
Miamisburg, OH 45342

Comfort Inn & Suites
9305 N Main Street
Dayton, OH 45415

Courtyard by Marriott Dayton Mall
100 Prestige Place
Miamisburg, OH 45342

Courtyard by Marriott Dayton North
7087 Miller Lane
Dayton, Ohio 45414

Courtyard Dayton-University of Dayton
2006 Edwin C. Moses Blvd.
Dayton, Oh 45408

Welcome

GREETINGS

From the Office of the Mayor
The City of Dayton, Ohio
Gary D. Leitzell
Mayor of the City of Dayton

Dayton Hamvention
May 14-16, 2010

On behalf of the City of Dayton, I am pleased to welcome the members of The Dayton Hamvetnion Annual Convention to Dayton, Ohio.

While we understand your focus during this event is to foster old friendships and develop new relationships, we also hope you will find the time to learn about our city.

Dayton is home to the Wright Brothers and the "Birthplace of Aviation;" therefore, it is only natural that many of our attractions would feature our aviation heritage. You can learn about the history of flight by visiting the Dayton Aviation Heritage National Historical Park, the Aviation Trail and the United States Air Force Museum, just to name a few.

I extend my very best wishes for a rewarding and memorable event in 2010 and beyond.

Sincerely,
Gary D. Leitzell
Mayor

GREETINGS TO

All Participants of the
Dayton Hamvention
May 14-16, 2010

As Commissioners of Montgomery County, we would like to welcome you to our region for participation in the **Dayton Hamvention Convention**. We believe the offerings of Dayton and Montgomery County will be enjoyable for you and, most importantly, all the attendees of your convention.

As you will discover, this area is rich in heritage, history, culture, and diversity. Our fine museums, attractions, shopping, and dining establishments will undoubtedly prove their outstanding reputations to you during your stay.

While you travel about the Dayton region, we believe you will realize the many advantages of selecting this area for your event. We stand ready to support all of your efforts and are certain you will find equal enthusiasm from our Convention & Visitors Bureau as well as the entire hospitality community.

Again, we welcome you to Dayton/Montgomery County and look forward to your return visit.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
Montgomery County, Ohio

Dan Foley, President

Judy Dodge

Deborah A. Lieberman

Hamvention Greetings 2010

From The Office of the Mayor
City of Trotwood, Ohio

It gives me great pleasure to welcome you to the great City of Trotwood where we are creating a bright future for our community. We are delighted and honored that you continue to choose our City to host the Annual Hamvention event. My earnest hope is that the friendships and sharing of information continue to grow as you display the history as well as the future of radio and the various ways to communicate. On behalf of the City of Trotwood, Ohio we wish you all the success in reuniting with friends, networking with many participants and attendees, and promoting amateur radio at its best.

I wish all of you a great time at Hamvention 2010.

Joyce Sutton Cameron, Mayor

Hamvention® Phone Numbers

Emergency (937) 276-6930

Inside Exhibits (937) 276-6931

Flea Market (937) 276-6932

Comments Invited!

Comments on your experiences at the Dayton Hamvention® should be addressed to the following:

General Chairman
Dayton Hamvention®
P.O. Box 964
Dayton, Ohio 45401-0964

Affiliated Events

Multi-Day Activities

QRP Amateur Radio Club International:

Holiday Inn, Fairborn, OH.
FDIM 2010 runs from 12-16 May.
See website for details.
Wednesday, 12 May - Registration opens in the evening
Thursday, 13 May - Seminars, Buildathon, Meet The Speakers, Vendors Night
Friday, 14 May - Hamvention, Show and Tell, Homebrew Contest, Vendors Night
Saturday, 15 May - Hamvention, Grand Banquet
Sunday, 16 May - Hamvention

2010 Contest Super Suite

Wed. May 12 thru Sat. May 15, 2010
7pm - 2am Each Night
Crowne Plaza, Dayton OH
2nd floor - Miami Ballroom

2010 Contest Super Suite Cont.

Free Pizza Parties All 4 Nights!

We welcome all Contesters and DXers Cash Bar available
http://contestsupersuite.com

Wednesday, May 12th
- Contest University registration from 8 PM to 10 PM.
- 10:30 PM Pizza Party Sponsored by Contest University 2010.

Thursday, May 13th
- 10:30 PM Pizza Party Sponsered by K8CC and K3LR
- All are welcome to join the fun !!

Friday, May 15th
- 11 PM Pizza Party Sponsored by the Potomac Valley Radio Club.

Saturday, May 16th
- 11 PM Pizza Party Sponsored by the Yankee Clipper Contest Club.

Batteries / Chargers
BUY DIRECT FROM THE U.S. MANUFACTURER
Visit Our Booth #560 & 561 in Dayton for SHOW SPECIALS

Special COMBO Pricing at Dayton Only!
UC-1 Universal Charger and High Capacity NiMH or Li-ion Battery.
Charges NiCD, NiMH & Li-ion batteries, all with the same cup. Cups available to fit most H-Ts. Swap cups without tools!

NOW AVAILABLE FOR Yaesu VX8R Battery
High capacity WWL-FNBV102 7.4v@ 1800mAh battery
Universal charger (UC1)
Universal adapter clip

Universal Clips and Adapters
Attach appropriate adapter to your radio. Connect your Universal Clip to your belt and place your radio onto the Universal Clip. Radio will not come loose from Universal Clip unless it is rotated 180° and removed.
Clip
Only $10!
Adapter
Available for Most Handhelds!

NYS residents add 8.75% sales tax.
W&W MANUFACTURING CO.
800 South Broadway, Hicksville, NY 11801-5017
Made in U.S.A. Send for free catalog & price list
IN U.S. & IN CANADA CALL TOLL FREE 800-221-0732 • IN N.Y.S. 516-942-0011 • FAX: 516-942-1944

Affiliated Events

Thursday Events

Contest University

will be held on Thursday, May 13, 2010, from 7:00 a.m. to 5:00 p.m., at the Crowne Plaza Hotel in Dayton, Ohio. This is the day before the Dayton Hamvention officially opens. Don't miss this rare opportunity to gain knowledge that may take you years of practice, trial and error, or lost time to learn otherwise. Get the edge to improve your scores and put your station in the winner's circle today! Advance registration is needed.

http://contestuniversity.com

North America DX Assoc., Inc.

NADXA meets on Thurs, May 13, 2010 at 8:00 p.m. at Frisch's Big Boy Rest. 8154 Old Troy Pike, Huber Heights, OH.

Pre-Hamvention®
D-STAR Meet Greet and Eyeball QSO
Time: 7 p.m. – 9 p.m.

Location: Marion's Piazza
1320 N Fairfield Rd
Beavercreek OH
(937) 429-3393

GPS: 39:43.596N 084:03.392W
(Degrees:Minutes.Decimal minutes)

From Dayton, go east on US 35 toward Xenia. Turn north at the N Fairfield Road exit. Marion's Piazza is on the right one half mile immediately after Tim Horton's. If you go to the traffic light at Dayton-Xenia Road, you have gone too far. (Turn right at the light and turn right again after Pizza Hut. Go behind Pizza Hut and you will see Marion's Piazza.)
Note that N Fairfield Road is approximately 8.5 miles east of the I-75 and U.S. 35 intersection.

From I-675 exit 13, go east on US 35 toward Xenia for approximately 2 miles. Follow directions above.

From I-675 NB, take Exit 17, go south on N Fairfield Road 3.3 miles and turn left at the light onto Dayton-Xenia Road. Immediately get into right lane and turn right after Pizza Hut. Go behind Pizza Hut and you will see Marion's Piazza.

D-STAR (cont)

Individuals may order from the menu and will be responsible for their own purchases.

Dayton D-Star:
145.270- W8BI Port C. -- Accessibility outdoors at Hamvention® HARA Arena with a handheld at 0.5 watts is marginal with R2D2. Higher power is recommended.

444.0875+ W8BI Port B. -- Hope to have the 70 cm repeater operational by Hamvention® time.

Greene County D-Star
147.105 W8RTL Port C is now on the air in Greene County without Gateway Access

Good coverage analog repeaters are:
146.940- Tone 123 Hamvention® Talk-In
146.910- Hamvention® Talk-In backup frequency
146.640- Skywarn Weather
145.110- Tone 67 ARES
147.360+ Tone 77 Good coverage Dayton area
146.985- Tone 123 linked to 442.925
442.100+ Tone 123 Good coverage Dayton area
442.925+ Tone 123 Excellent coverage around Hamvention
442.950+ Tone 118.8 Huber Heights
(Dayton northeast suburb)

Friday Events

Collins Collectors Association

(CCA) Banquet 2010 will be held Friday, May 14, 2010 at the Ramada Plaza Dayton, 2301 Wagner Ford Road, Dayton, OH 45414. Doors Open at 6:00 PM, Banquet Starts at 6:50 PM - ADVANCED RESERVATIONS ARE REQUIRED. More Information at: http://tinyurl.com/dlyywg

Event Point of Contact: James F. Stitzinger jstitz@pacbell.net. You are cordially invited to support or join the Collins Collectors Association. See http://www.collinsradio.org/membership.

QCWA Banquet

Fri 14 May 7:30 PM - QCWA banquet at the Holiday Inn, , Dayton Airport at 7:30 p.m. Friday May 14. …. Your QCWA Hamvention HQ NW corner of North Main St. and I-70. (Engelwood) Register with Jerry Ragland, WA8BOB 409 Park Av. Franklin, OH, 45005-3550 Tel (937) 746-5857 Include check for $23 per person.

Friday Events (cont)

ATV FRIDAY NIGHT DINNER

The ATV Friday night dinner and discussion will be held on Hamvention Friday from 7 till 10PM at Roush's Restaurant 305 W Main St. in Fairborn, OH 45324 (at north end of Wright Patterson airfield runway). The dinner menu is varied, moderately priced and ordered separately. We will enjoy a sit down dinner then have speakers talk about various ATV topics. We will also include door prizes for those present. The meeting terminates at about 10PM.

Directions: From Daytont take I-75 north then I-70 east. Exit SR 235/ SR4 south (Fairborn exit). South on 235 about 1 mile then left on Chambersburg Road (east & still SR235 past airport runway). Right on N. Broad Street for about 10 blocks. Left on W. Main Street for 3 blocks to Miller Ave. Roush's is on corner of W. Main and Miller. Parking in rear.

SWODXA DX DINNER ANNOUNCEMENT

SWODXA is pleased to again sponsor the DX Dinner ™, in conjunction with the 2010 Dayton Hamvention®. The dinner will be Friday, May 14, at the Crowne Plaza Hotel, Dayton, Ohio. This will be a very special celebration as it is our **25th** annual dinner.

As in the past, there will be some major door prizes given away. Program details and a list of the prizes will be available on the SWODXA website and blog as soon as both are confirmed. **Note we have moved our website and the new address is: www.SWODXA.org.**

There will be a cash bar starting at 6 pm with dinner served at 7:15. Tickets are $40 per meal payable in US funds. (Sorry we do not process Paypal or credit card payments.) Attendees have their choice of strip steak, baked tilapia, or eggplant parmesan. Meal choice must be indicated as tickets are purchased. We attempt to honor group seating requests when tickets are ordered together. Each table seats ten, and seats are assigned as the requests are received. Check or money orders, payable to SWODXA, should be sent to Kirk Swallow, W8QID at his CBA. Be sure to include a SASE for ticket return.

This is an excellent opportunity to meet and renew old

SWODXA (cont)

acquaintances, so come join us for an evening of fun and great fellowship. We look forward to seeing you there!

International Visual Communication

IVCA SSTV Meeting

7:00 PM Friday, May 14, 2010

Location: Holiday Inn - Dayton Airport, 10 Rockridge Rd.Englewood, OH 45322, Phone: 937-832-1234 (Same location as last year)

Directions:
Three miles from Hara Arena.
Go East on Shiloh Springs Rd turn
Left on N Main St (48).
Continue to the I-70 overpass.
Rockridge Rd is on the Left just past the overpass.

Meeting room - no food or beverage of any kind will be permitted to be brought in or taken out of any banquet/ meeting room. Ice water will be available.

A brief business meeting will take place to elect new officers. After some announcements and discussions there will be a program.

Anyone is welcome to present a program. Contact Dave Jones, KB4YZ if you would like to speak to the group on any SSTV related subject. (djones@tima.com)

HFpack Dayton 60 Meter Net

Friday and Saturday Nights at 9:30PM (1330UTC) - Net Control: Oliver KB6BA/PM 5371.5 kHz USB alternate 5403.5 kHz USB

Balloon Launch

On Friday afternoon, a weather balloon carrying amateur radio (BalloonSat) will be launched from the grounds of the Dayton Hamvention following the BalloonSat Forum. The balloon will carry APRS transmitters on 144.39 MHz (WB8ELK-10 and WB8ELK-11) as well as multi-mode downlinks on DominoEX22 and Hellscreiber on 144.36 MHz. The balloon should reach a peak altitude of 100,000 feet and will then parachute back to Earth. Onboard video camcorders will record an aerial view of the Dayton Hamvention® during the ascent and will provide amazing views from the very edge of Space that will show the blackness of Space and the curve of the Earth.

Affiliated Events

Friday Events (cont)

Weak Signal Group Banquet

All Weak Signal VHF, UHF and Microwave enthusiasts are invited to the 15th VHF Weak Signal Group banquet to be held on Friday evening May 14th, 2010 at the Doubletree Dayton Downtown Hotel located at 11 South Ludlow Street, Dayton, OH 45402. (*****PLEASE NOTE THAT THIS IS A NEW LOCATION *****)

The cash bar opens at 6:15 PM with plenty of room to mix and mingle with VHFers from all over the country and around the world. The two entrée sit-down dinner will be served starting at approximately 7:15 PM and prizes drawn at 9 PM.

Reservations are required. Cost per person is $35.00 and includes dinner and prize ticket. Seating is limited to 125 and spouses are welcome to join us and are eligible for the prize drawing. For tickets please send $35.00 per person and an SASE to: Tony Emanuele WA8RJF, 7156 Kory Court, Concord Township, Ohio 44077-2221. Please include the names and calls of all attendees as well as an email address.

Indoor Valet Parking is included in the price. There is limited parking on the street for those vehicles too large for the garage.

AMSAT and TAPR

AMSAT and TAPR will hold their annual Hamvention banquet on Friday, May 14 at Kohler's Presidential Banquet Center in Kettering, OH. Reservations are required in advance and can be made through the AMSAT office at www.AMSAT.org. Happy hour will begin at 6:30 PM and dinner will be served at 7:30 PM. The guest speaker will be Dr. Bob Mc Gweir, NH4Y. Tickets ordered through AMSAT may be picked up at the AMSAT booth or at the door of the banquet.

Saturday Events

Penn-Ohio DX Society 070 Club Dinner

Karen Russo, W4KRN, has again graciously agreed to act as our "social coordinator" for a PODXS Ø7Ø Club dinner @ The Spaghetti Warehouse Restaurant 36 West 5th St. Dayton, OH 45402 at 6:00 pm. What a great opportunity
to not only attend Hamvention®, but also enjoy the company of some of our fellow members. If you are planning on attending, please drop Karen an email at: w4krn@his.com

Dayton Contest Dinner

The North Coast Contesters are proud to announce The 18th Annual Dayton Contest Dinner. Master of Ceremonies for the Dayton Contest Dinner is CQ Magazine Contest Editor John Dorr, K1AR. The 2010 CQ Contest Hall of Fame Inductions will be formally announced by the CQ WorldWide Contest Director Bob Cox, K3EST. The main dinner speaker is Joel Harrison, W5ZN. The Contest Dinner will be held on Saturday night, May 15, 2009 at 6:30 PM Cash bar opens at 5:30 PM. Located at the Crowne Plaza Hotel (Official Contest Hotel) 5th and Jefferson Streets (Next to the Convention Center) Dayton (Downtown), Ohio in the VAN CLEVE BALLROOM. Seating is random. Tables are set in rounds of 10. Tickets are only available on http://www.contestdinner.com Many contest operators from around the world attend this event. If you enjoy radio contesting, you do not want to miss this Contest Dinner in Dayton, Ohio. There are no tickets available at the door.

HFpack Dayton Annual Eyeball QSO Rally

"Largest gathering of HF backpack operators in the world" 12:30pm to 1:30pm Saturday May 15 - Location: Hara Arena main entrance (awning)

HFpack Dayton Portable Pedestrian Mobile Net

"Huge Net of HF Portable Ops" - 1:00pm Saturday May 15 (1700 UTC) -18157.5 kHz USB --- Net Control: Mark KI0PF/PM

HFpack Dayton 60 Meter Net

Friday and Saturday Nights at 9:30PM (1330UTC) - Net Control: Oliver KB6BA/PM 5371.5 kHz USB alternate 5403.5 kHz USB

Dayton Hamvention® Past General Chairs

1952-l955	John J. Willig, W8ACE	*
1956-1957	Rudy Plak, W8ZOF (W6TIK)	*
1958	Frank J. Schwab, W8YCP (W80K)	*
1959-1960	Ed F. Bonnet, W80VG	*
1961-1962	Joseph H. McNutt, W8GFN	*
1963-1964	Sheemon A. Wolfe, W8WJL	*
1965-1966	Edgar A. Smith, W8RKL	*
1967	Robert Wilcox, K8EJI	*
1968-1969	Jack Ohmart, K8CUA	
1970-1971	Kenneth E. Mills, W8RLY	
1972	George L. Shearer, WA8IHC (KE8WJ)	*
1973-1976	Ted L. Suarez, K8BSC	*
1977	Wallace M. Wright, WA8ZCA (AD8N)	
1978	John Basilotto, W5GI (WA8ZAN)	
1979	Sandford H.Cohen, W8JEZ	*
1980-1981	Noel K. McKeown, WB8QQC	
1982-1983	Harold A. Judd, K4GZL	*
1984-1985	Jack Mitchell, AA8Q	
1986-1987	Jim Simpson, WB8QZZ	
1988-1989	Bill McNabb, WD8SAY	
1990	Ed Hillman, N8ALN	
1991-1992	Ross Brown, WA8DQH	
1993-1994	Dave Grubb, KC8CF	
1995-1996	Ken Allen, KB8KE	
1997-1999	Dick Miller, N8CBU	
2000-2002	Jim Graver, KB8PSO	
2003	Pat Neff, N8IGS	
2004- 2005	Gary Des Combes, N8EMO	
2006-2007	Jim Nies, WX8F	
2008-2009	Carl Rose, K8CPR	

* Silent Key

Club of the Year Award

NORTH FULTON AMATEUR RADIO LEAGUE

Dayton Hamvention's Club of the Year Award Recipient

The North Fulton Amateur Radio League, NFARL, is the premier club in the greater North Fulton County, Georgia area with over 250 active members. The club features a variety of activities to appeal to the widest range of amateur radio interests from DXing and contesting to QRP operating, rag chewing and project building.

Their monthly meetings focus on topics with broad appeal. Special Interest Groups (SIGs) offer in-depth training and discussion on various subject matter. Mid-Month-Madness events offer opportunities to build antennas and kits, visit members' shacks, explore new operating modes, delve into the bone yards at local hamfests and similar activities.

They seek to help every member grow in their skills and enjoyment of the hobby. HamCrams help new hams earn their first license and quickly upgrade to General followed by Extra classes to encourage the next upgrade step. A mentoring program helps ensure every ham has access to an "Elmer" and VE sessions are conducted bi-monthly. A weekly TechNet encourages discussion of all things technical, and a weekly YouthNet offers an opportunity for their young and older members to interact. They promote Ham radio at schools and scouting events and encourage youth membership and participation in all their events.

The club places a major emphasis on the public awareness of Field Day and enjoyed the largest participation in the nation in 2009. The club maintains six repeaters including EchoLink access and an internet accessible remote base station capable of operation on 11 bands.

2010 Dayton Hamvention® Committee

ADMINSTRATION

General Chair	Lee	BOECKERMAN W8LFB
Assistant General Chair	Michael	KALTER W8CI

ADMINISTRATIVE ASSISTANTS

Secretary	Assistant - 1	Jane	BALDWIN KD8FHP
ARRL Liasion / Marketing	Assistant - 2	Jim	NIES WX8F
Telephone Communications	Assistant - 3	Shirley	ROBERTS N8LX
		Lynn	ROBERTS N8LXK
Mail	Assistant - 4	Thomas	REYNOLDS KC8AEU

COMMITTEES

ADVANCE REGISTRATION	Chair	Mark	MATTIX WA8NGY
	Assistant Chair	Charles	KAISER KD8JZR
ALTERNATE ACTIVITIES	Chair	Jan	BERMAN
	Assistant Chair	Judy	HUDSON KB8USZ
AWARDS	Chair	Frank	BEAFORE WS8B
	Assistant Chair	Dave	CRAWFORD KF4KWW
COMMITTEE SERVICES	Co-Chairperson	Hazel	EVERETTS N8PTL
	Co-Chairperson	Jeff	EVERETTS N8IBW
COMMUNICATIONS	Chair	Josh	LONG KD8BVB
	Assistant Chair	Pam	MILLER KC8UOB
FINANCE	Chair	Jon	THUERMER KB8SRQ
	Assistant Chair	Susan	JEBENS KD8AFP
FLEA MARKET	Chair	Nancy	KRODEL KC8RMT
	Assistant Chair	Jim	SHAW AL7BA
FORUMS	Chair	Dave	KALTER KB8OCP
	Assistant Chair	Don	DUBON N6JRL
GOLF CARTS	Chair	Mike	BUEHLER N8XGA
	Assistant Chair	Joe	SHELINE KD8AQH
INSIDE EXHIBITS	Chair	Scott	MYERS AC8DE
	Assistant Chair	Chuck	WRIGHT K8MDB
LICENSE EXAMS	Chair	Mark	ERBAUGH N8ME
	Assistant Chair	George	EWING WD8NHI
MAILING	Chair	Charles	KAISER KD8JZR
	Assistant Chair	Joe	BRASSARD KA8C
MEDIA	Chair	Henry	RUMINSKI W8HJR
	Assistant Chair	William	CURTICE
M I S	Chair	Mike	NIBERT KD8FOF
	Assistant Chair	Jack	GERBS WB8SCT
	Booth Tracker	Steve	COY K8UD
	Booth Tracker	Jim	SIMPSON WB8QZZ
PRIZES	Chair	Ross	BROWN WA8DQH
PROGRAMS / PUBLICATIONS	Chair	Jerry	MILLER WD8QAI
	Assistant Chair	Mel	BERMAN W8GTR
SECURITY	Chair	Greg	MURPHY KB8SWM
	Assistant Chair	Larry	APPLE N8MYQ
SPECIAL EVENT STATION	Chair	Jerry	BODEY N8OWV
	Assistant Chair	Marvin	FORCE KB8MUV
TALK-IN	Chair	Rob	LUNSFORD KB8UEY
	Assistant Chair	Brad	TEMPLIN W8NCI
TRANSPORTATION	Chair	Kenneth	TILFORD KC8ZKS
	Assistant Chair	Doug	BELL N8HSU
VISUAL INFORMATION	Coordinator	Jim	SCHOETINGER W8PLZ
	Assistant Coordinator	Tom	HOLMES N8ZM
VOLUNTEER RECRUITING	Chair	Susan	JEBENS KD8AFP
	Assistant Chair	Janey	RUMINSKI KB8PMF
WEBMASTER	Chair	Richard	RIEBEN KE4WLE

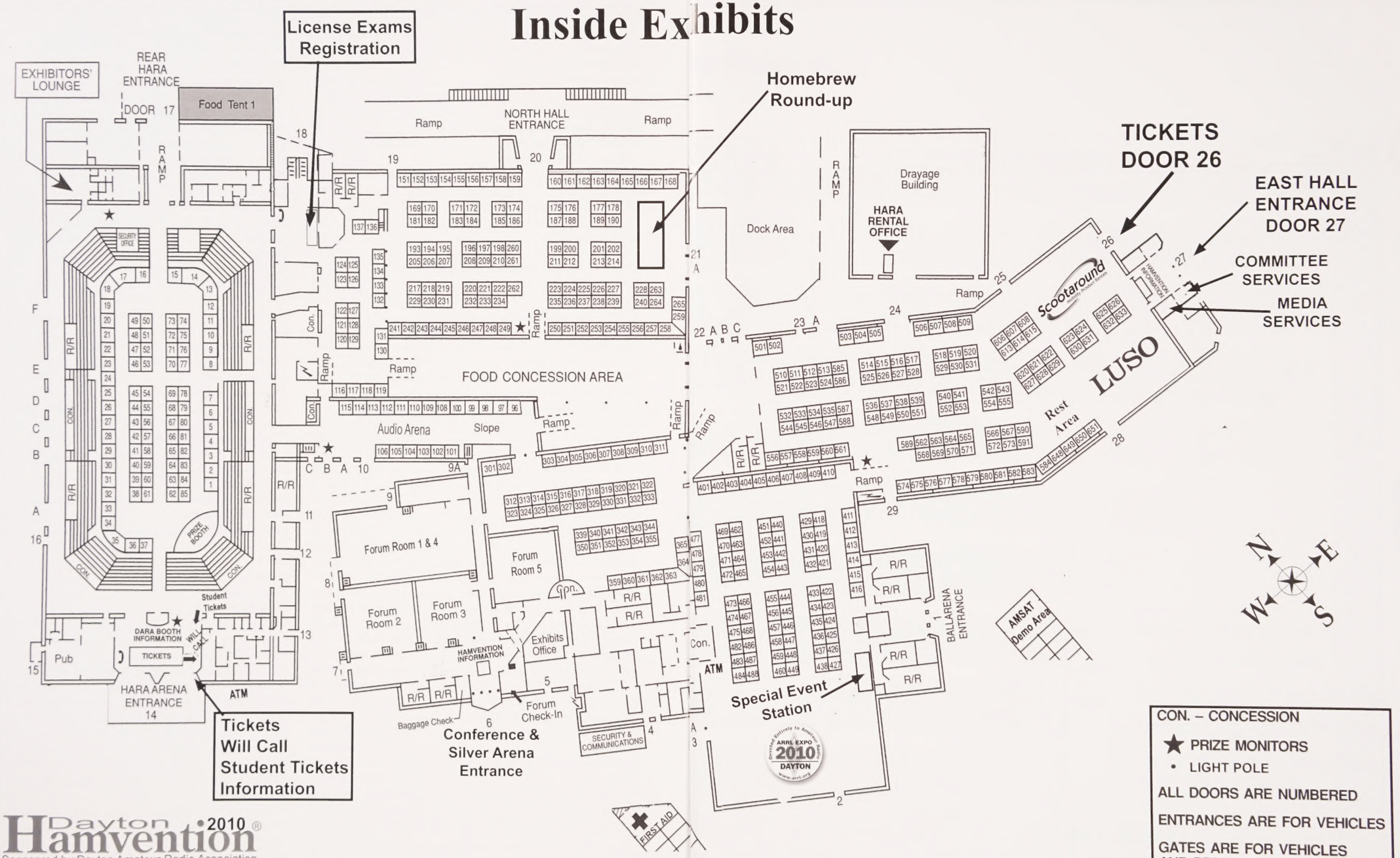
Exhibitors

10-10 International Net, Inc. 409
AES Amateur Electronic Supply 26-29
Alfa Radio 205, 206
Alinco 76, 77
All Ohio Scanner Club 435
Alpha Radio Products / RF Concepts 208-210, 261
Aluma Tower 525
Amateur Accessories 343, 344, 355
Amateur Radio / Video News 451
Amateur Television Network 236
Amateur-Outfitters.com (TransCoastal Media, LLC) 258, 259
American Morse Equipment 246
American Radio Relay League 4000
Ameritron 81-82
AMSAT (Radio Amateur Satellite Corp.) 444-449
Argent Data Systems 504, 505
Array Solutions 613-615, 620-622
Atlas Business, Inc. 555
Aventrade 199
B & B Enterprises 310, 311
Batteries America 15, 120-122
Batteries Plus 222
Battleship New Jersey Amateur Radio Sta. 362
Begali Keys 466-7, 473-4
Bencher Inc. 12
Bird Technologies Group / TX RX Systems 413, 414
Bonito - Radiocom - Computer International 48
Buckmaster Publishing 333
Buddipole 16, 17
BurkTek Inc 539
Byonics 223
C Crane Company 195
Callstuff.com 188
Cellular Wholesale / RF Merchandise 518
CG Antenna 566
Christian Amateur Radio Fellowship (CARF) 305
Click It Hot 340
Coastal Software 509
Coaxial Dynamics 401
Collins Collectors Association 460
Computer Automation Technology 217
Comtek Systems 3
Courage Center Handi-Ham System 332
CQ Communications, Inc. 74, 75
Cushcraft Amateur Radio Antennas 14
CW Operator's Club 459
D.A.C.A.R. 309
Dashtoons 515
Davis Instruments 237-239
Dayton Stamp Club 543
DC Ace Electronics, Inc. 169-70, 181-2
DC Power, LLC 352, 353
Debco Electronics 132-135
Diamond Antenna 365, 477
Digital Analog Radio Company 564
Dishtronix 572
Down East Microwave 226
D-Oxit / Florida Hams Association 429
DX Engineering 0-2, 4-7
EchoLink 578
Elecraft, Inc. 196-198
Electronic Associates 220-1, 232-3
Electronic Products Design 478
Emergency Operations Center 434
Emtron 554
Engelhaupt Embroidery 359, 360
EZ Hang Inc. 588
EZNEC Antenna Software 514
FingerDimple.com & K8RA CW Keys 244
Fists CW Club 100
Flash USB Depot 623-4, 630-1
Flexradio Systems 313-316
Force 12 49
Foundation for Amateur Intl Radio Service 412
Futronics 183
GAP Antenna Products, Inc. 30
Gemmagic 200
G-QRP Club 241
GRE America 76,77,452-454
Great Products 528
Green Heron Engineering 531
grumpyshop.net 501
Hagerty Radio Co. 351
Ham Radio Class (Not on Map, behind LUSO tower) ... East Hall
Ham Radio Outlet 20-23
Ham Station, Inc. 536-538
HamCallWear.com 127, 128
hamapparel.com 184
HamGadgets 482
HamTestOnline.COM 175, 176, 187
Hawk Distributors, Inc 629
Healthy Hams / Reliv 422
Heil Sound LTD 102-106
Hendricks QRP Kits 247
Homebrew Round-Up ..... North Hall
Husseins Shrill Sirens, Tasers, and More 189
Hy-Gain 24, 25
ICOM America, Inc. 8-10, 33-37, 562, 589
Idiom Press 13
International Antenna Company 260
International Radio Corp 405
Internet Labs, Inc. 96-98
Jericho Print 301
Jetstream 59-61
K0XG Systems 520
Kanga US 44
Kenwood USA Corporation 50-53, 70-73
Keysource Technologies 418, 419
KJI Electronics of Ohio, Inc. 322
KMA Antennas / Wouxun Electronics 172
Lido Mounts 570
Lightning Bond Adhesives 575-577
Link Communications, Inc. 416
Linux in the Ham Shack 265

Exhibitors

Little Giant Ladder System 235
LUSO Super-Techno ..... East Hall
M2 Antenna Systems, Inc. 627, 628
MAC Tenna 262
Maha Energy Corp. 54, 55
Marconi 475
MARS, Combined MARS 318, 319
Medical Amateur Radio Council Ltd. MARCO 361
Metal & Cable Corp., Inc. 502
Metrotel Communications 193
MFJ Enterprises Inc. 62-67, 83-85
Michigan QRP 242
Micro Ham America 486
Micro Node 207
MicroLog by WA0H 326
Microtech Electronics 229-231
Midwest VHF/UHF Society 202
Mini-Circuits 483
Mirage/Vectronics 80
Morse Telegraph Club, Inc. 324
N3ZN Keys, LLC 527
N4PY Software 227
National Communications 433
National Weather Service 320
Nat'l Federation of the Blind & the Unseen Bean 302
Naval EOD Technology Division 350
NCG Company (Comet/Maldol/Daiwa) 56-58
New-Tronics 31-32
NN4ZZ TiltPlate 529
North Fulton Amateur Radio League 201
Nuts & Volts / Servo Magazine 45
Ohio Area Repeater Council 99
OMISS 101
Pacific Antenna 245
Palstar Inc. 582-584
Peet Bros. Company, Inc. 151-153
PowerFilm Solar 541, 553
Prostar Batteries, Inc. 464, 465
QRP - ARCI 243
QSO Radio Show 402, 403
Quarter Century Wireless Association, Inc. 325
Quicksilver Radio Products 462-3, 469-471
R & L Electronics 38-43
R. S. Supplies 510
R.A.I.N/160 Meter G.R.N./Newsline 404
Radio Amateur Callbook (ITFM) 46, 47
Radio Club of America 224
Radio Shack 440-443
Radio Society of Great Britain 437, 438
Radio T Shirts 585
Radio Works, Inc. 430-432
Radioware Radio Bookstore 78-79
RadioWavz 551
Rescue Tape 436
RF Parts 363, 364
RFSpace, Inc. 508
Richard Dittmar 317
Rig Expert Canada 488
Rose-Hulman BeagleBrick Project 411
RPC Electronics 503
RT Systems 248
SATERN 420
Sauder Electronics 123, 124
SCO Inc Software/Log Window 472
Scootaround Inc 5010
Select Computer Resources 484
Sierra Radio Systems 406
Sign Man of Baton Rouge 568, 569
Sign Man of Ohio 219
Sinbad Glue 487
Society of Cable Telecommunications Engineers 327
Solder-It Co. 11
Startek-USA.com 129
SteppIR Antennas Systems 69, 68
Storm Impulse Inc 571
SuperBertha.com 306
Suspender Man 479, 480
Tampa Software 590, 591
TAPR (Tucson Amateur Packet Radio) 455-458
Tarheel Antennas 158, 159
Telepost Inc. - N8LP 517
Tennadyne / Cubex 552
Ten-Tec, Inc. 548-550,
The Competition 263
The R.F. Connection 155-157
The Radio JOVE Project, Inc. 421
The UPS Store 168, 167
The Wireman, Inc. 160-162
Timewave Technology, Inc. 108, 109
Tokyo Hy-Power Labs Co. 407, 408
Totally Unique Enterprise 410
Tower Electronics 173-4, 185-6
Transel Corporation 312, 323
Uncommon USA Inc. 565
United States Antenna Product LLC 540
Universal Radio, Inc. 506, 507
US Tower Corp. 18, 19
Vibroplex 303, 304
VIS Amateur Supply 211, 212
Voice of America Park and Museum 154
W&W Manufacturing Co. 559-561
W2IHY Technologies 110-113
W4RT Electronics 114, 115
W5YI Group-Gordon West Radio School 250-252
W7FG Vintage Manuals 530
WB0W Inc. 253-257
Webster Communications Inc. 423-427
West Mountain Radio 579-581
Western Case Company 249
Wild Sage Jewelry 544
Winradio 648- 651
Yaesu Vertex Standard 521-4, 532-5, 586-7
YLRL/Buckeye Belles 234

Inside Exhibits

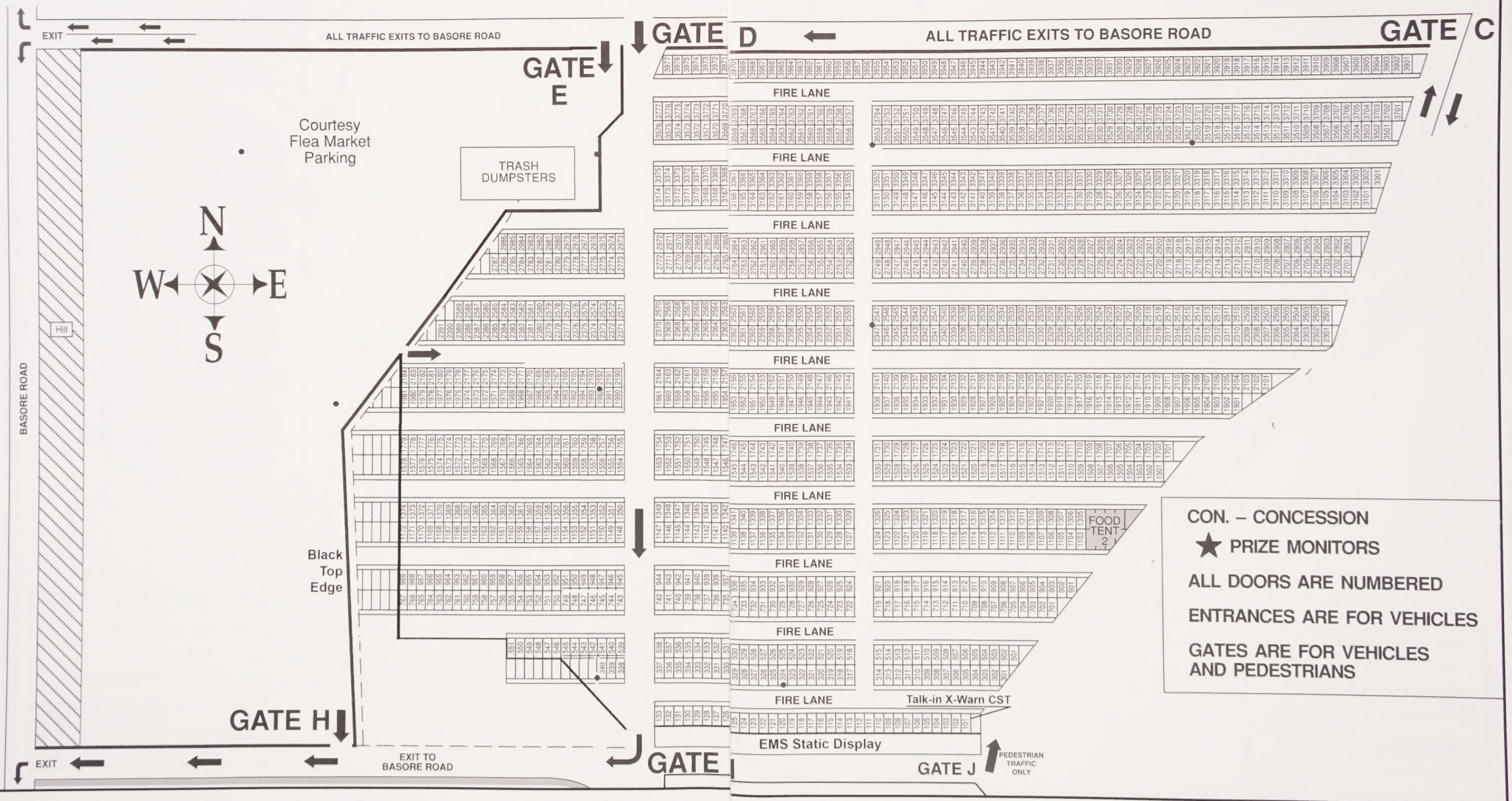


Dayton Hamvention® 2010
Sponsored by Dayton Amateur Radio Association
Since 1952

Dayton Hamvention® Sponsored by Dayton Amateur Radio Association Since 1952

Dayton Hamvention® Sponsored by Dayton Amateur Radio Association Since 1952

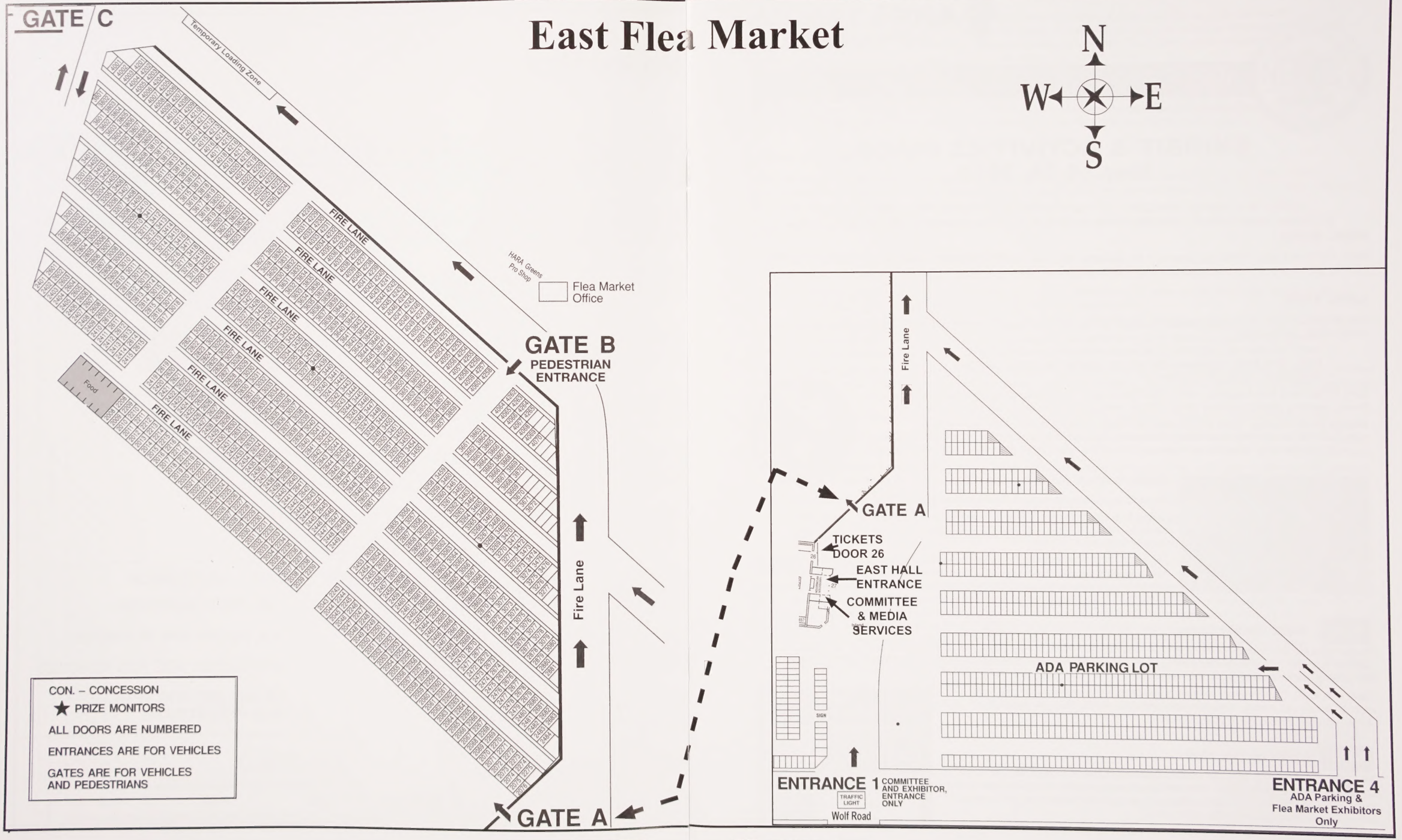
West Flea Market Map



Dayton Hamvention®
Sponsored by Dayton Amateur Radio Association
Since 1952

Dayton Hamvention®
Sponsored by Dayton Amateur Radio Association
Since 1952

East Flea Market



ARRL The national association for AMATEUR RADIO™
www.arrl.org

ARRL EXPO 2010
Dayton Hamvention®

EXHIBIT & ACTIVITIES GUIDE
May 14-16, 2010

ARRL, the national association for Amateur Radio, welcomes members and friends to Dayton Hamvention®. Use this handy guide to find ARRL-sponsored activities and exhibits.

ARRL EXPO

ARRL EXPO is a large exhibit area located in the Ballarena Hall (near the 400-numbered booths). This is a showcase of ARRL exhibits, activities and program representatives—celebrating the very best of Amateur Radio.

ARRL Store

Visit the HUGE ARRL bookstore to purchase popular ARRL publications, join or renew your ARRL membership, and pick up official ARRL merchandise.

- FREE Gift when you join ARRL or renew your membership at ARRL EXPO.
- FREE ***2010 ARRL Handbook*** when you join or renew for 3 years. *Best Deal!*
- FREE ARRL Dayton 2010 Button!

2010 ARRL Field Day Supplies – ARRL Field Day is June 26-27. Gear up for the most popular on-the-air operating event in Amateur Radio. Official T-shirts, pins, hats, mugs and more available now.

Vintage Book Signing – Meet photographer Joe Veras, K9OCO, author of the popular ARRL publication ***50 Years of Amateur Radio Innovation***. The book is filled with photographs of classic and legendary transmitters, receivers and transceivers from the "golden age" of Amateur Radio technology.

ARRL Project Building Booth

Pre-register at the booth for the following sessions:

Friday 9:30 AM, 11:30 AM, 1:30 PM, 3:30 PM
Saturday 9:30 AM, 11:30 AM, 1:30 PM, 3:30 PM
Sunday 9:00 AM, 11:00 AM

Join in the fun of homebrewing (or project-building)! Live classes will be held. Sign-up to build one of the two affordable kits under the watchful eyes of a team of instructors who will mentor you through the activity. Handle electronic components, circuit boards, and try your hand at soldering. Unlock your inner do-it-yourselfer!

NEW ARRL Radio Clubs

Radio clubs are the centerpiece of local, organized Amateur Radio activity. Clubs recruit, instruct and nurture new hams; sponsor activities, guest speakers, youth groups, and Field Day. Some radio clubs have a specialty: repeaters, contesting, fox hunting, public service, digital experimentation.

Meet with ARRL Club Program volunteers and bring home resources for your radio club. If you are not already a member of a local club, we can help you search for ARRL-affiliated radio clubs in your community.

NEW ARRL on the Web

See what the new ARRL Web has to offer. Explore sections of the new site, ask questions, and provide feedback. Members, complete your ARRL online member profile at the show and receive a $5 Gift Certificate to use towards publications and products during Dayton Hamvention® at the ARRL store.

Dayton Hamvention®
Sponsored by Dayton Amateur Radio Association
Since 1952

On the Air

DXCC Card Checking – Personnel from the ARRL DXCC Branch will be on hand to check your DX cards and applications. All cards will be eligible for checking, including old cards, cards for deleted countries and cards for 160-Meters. Applications will be limited to 120 cards (more cards will be checked as time and volunteer Card Checkers are available). See **www.arrl.org/awards/dxcc** for the latest program information and current forms.

Logbook of the World – Representatives from Logbook of the World will be giving demonstrations and answering your questions. See **www.arrl.org/lotw** for the latest program information.

NEW **Radiosport** – Interested in competition? Contesting is one of the great activities of Amateur Radio. It boosts your technical knowledge and improves your radio operating skills—helping make you a better radio amateur.

Inside the EXPO

ARRL Development and ARRL Foundation – Learn about charitable giving opportunities that help strengthen ARRL's work on behalf of Amateur Radio: annual campaigns, ARRL funds, memorial gifts and estate planning opportunities. The ARRL Foundation offers scholarships and grants for Amateur Radio.

ARRL Legislative Agenda – Learn about ARRL's federal legislative initiatives for the 111th Congress and what you can do to help.

TravelPlus for Repeaters™ software demonstration.

ARRL Volunteer Examiner Coordinator – Licensing forms, testing information and more.

Ham Radio and Scouting – Ham radio and scouting are a perfect pair! Hear from active scouts and scout leaders about resources, programs and activities to interest boy and girl scouts in Amateur Radio.

Emergency Communications – Meet with program representatives for the Amateur Radio Emergency Service (ARES®) and the National Traffic System (NTS). Learn about opportunities to volunteer, and explore resources and training. Network with other public service volunteers.

ARRL Education and Technology – See displays of ARRL program kits, projects, activity boards and other resources available to schools and teachers. Information about the Education & Technology Program, the Teachers Institute on Wireless Technology and Amateur Radio on the International Space Station (ARISS).

ARRL Visa® Card (U.S. Bank) – Apply for the ARRL Visa Card and earn a free gift! Earn benefits that Keep You on the Air!

NEW **2011 ARRL National Convention** – Plan to attend the 2011 ARRL National Convention at Ham-Com in Plano, Texas, June 10-11, 2011. A representative from the Visitors and Convention Bureau will be present to answer all your questions.

The International Amateur Radio Union – National radio societies throughout the world work together for the good of Amateur Radio through their global federation, the International Amateur Radio Union (IARU).

Deutscher Amateur Radio Club (DARC) – Visit with representatives from our sister society in Germany.

ARRL Blog – Explore all of what Dayton has to offer. Live updates on happenings by ham radio enthusiast, ARRL author, and *QST* columnist Ward Silver, NØAX.

ARRL Youth Activities

Youth Activities and Youth Lounge: Drop by the ARRL Youth Lounge to meet and socialize with other young hams. Whether you're 1 or 21, the Youth Lounge is sure to offer something that young hams will enjoy. Come to chat with other hams, listen to music, grab a snack or participate in one of the many activities, such as fox-hunts, scavenger hunts, Morse code fun, a QSL card designing contest, crafts, prizes and more. Whether or not you're licensed, you're welcome to come by and join the fun! *Special thanks to Andrea Hartlage, KG4IUM and Scott Hartlage, KF4PWI for organizing the ARRL Youth Activities.*

ARRL Youth Calling Frequencies: If you're looking for other youth during the convention, try calling them on the youth calling frequencies: 145.540 MHz (107.2 Hz CTCSS) primary and 146.430 (233.6 Hz CTCSS) secondary. Not licensed yet? Soon-to-be hams can check-in using FRS channel one.

ARRL Youth Dinner: Saturday night at 5:30 PM. Come to the ARRL Youth Lounge to find out the location of the dinner.

THANK YOU!

ARRL expresses its gratitude to the 2010 Dayton Hamvention® Committee, Dayton Amateur Radio Association, and all the volunteers that contributed to the success of ARRL EXPO 2010 in Dayton, Ohio.

Got an idea for next time? Please contact the office of the ARRL EXPO Coordinator, email **expo@arrl.org**.

2009 Prize Donors

Alinco
Alpha Radio Products
ARRL
Bencher Butternut
Buckmaster
Buddipole
CallBook
CQ
Cushcraft/Laird
Depiction
DX Engineering
EAE Sales
Far Cicuits
FlexRadio Systems
GRE
Ham Radio Outlet
HamTest Online
Heil
Icom America
Isotron Antennas
Kenwood
LDG
Mendelsohn Electronics Co, Inc
MFJ
Monitoring Times
NGC (Comet/Maldol/Daiwa)
Nifty! Ham Accessories
Palomar
Palstar
R&L
Radiowavz
SteppIR
Super Antennas
The Ham Station
Timewave
Universal
W2IHY Technologies
W5YI
WB0W
West Mountain Radio
Wireman
Yaesu

The following are the Major Prizes that were awarded at the 2009 Dayton Hamvention®

1	Icom America	Dstar Repeater	$8,448
2	Icom America	IC-7600 HF+6m	$4,876
3	Icom America	2m Dstar Reeater	$3,692
4	Icom America	70cm Dstar Repeater	$3,692
5	Yaesu	FT950	$1,840
6	Yaesu	FT450AT	$1,320
7	Icom America	IC2820+UT123	$1,164
8	Icom America	IC2820+UT123	$1,164
9	Icom America	IC2820+UT123	$1,164
10	Kenwood	TS-480SAT	$1,100
11	Kenwood	TM V71A	$800
12	Icom America	ID-800H	$776
13	Yaesu	FT817ND	$758

Forums Schedule

	Friday				Saturday					Sunday			
	Room 1	Room 2	Room 3	Room 5	Room 1	Room 2	Room 3	Room 5		Room 1	Room 2	Room 3	Room 5
8:00 AM													
8:15 AM													
8:30 AM													
8:45 AM													
9:00 AM													
9:15 AM		ARRL Public Relations 9:15-10:45 Allen Pitts W1AGP	HAARP 9:15-10:15 Paul Bernhardt KF4FOR	QRP 9:15-10:15 Ken Evans W4DU									
9:30 AM	TAPR 9:15-11:15 Steven Bible N7HPR					SATERN 9:15-10:15 Ken Panczyk W9KMP	FCC 9:15-10:15 Bill Cross W3TN	VHF UHF Microwave 9:15-11:00 Michael Schulsinger N8QHV		Red Cross 9:15-10:15 Dan Miller K3UFG	ARRL Clubs 9:15-10:15 Norm Fusaro W3IZ	Hong Kong 9:15-10:15 Dan Van Hoy VR2HF	
9:45 AM			Teachers' Workshop 10:30-12:00 Carole Perry WB2MGP	Antennas 10:30-11:30 Frank Beafore WS8B	Youth 9:15-12:15 Carole Perry WB2MGP								Bicycle Mobile 9:30-11:15 Mike Nickolaus NF0N
10:00 AM		Fox Hunting 11:00-12:00 Carole Perry WB2MGP				Drake 10:30-11:30 Evan Rolek K9SQG	ARRL Lab Ant.Software 10:30-11:45 Ed Hare W1RFI			Early History 10:30-11:30 Jim Stafford W4QO	QCWA 10:30-11:30 Bob Roske N0UF	Arduino 10:30-11:30 Jim Kvochick WB8AZP	
10:15 AM													
10:30 AM													
10:45 AM				Kit Building 11:45-12:45 Joe Eisenberg K0NEB									
11:00 AM													
11:15 AM	APRS 11:30-12:30 Bob Bruninga WB4APR												
11:30 AM						Newsline Town Hall Meeting 11:45-2:00 Bill Pasternak WA6ITF	RTTY 12:00-1:00 Shelby K4WW Summerville	AMSAT 11:15-1:30 Alan Biddle WA4SCA					
11:45 AM													
12:00 PM			Ham Radio and The Law 12:15-1:45 Jim O'Connell W9WU	YLRL 1:00-2:15 Cheryl Muhr N0WBV									
12:15 PM													
12:30 PM		Balloon Sat 12:15-2:15 Bill Brown WB8ELK			Contesting 12:30-2:30 Doug Grant K1DG		ARRL Member 1:15-2:15 Jim Weaver K8JE						
12:45 PM	D-Star 12:45-2:15 Greg Sarratt W4OZK												
1:00 PM								SSTV 1:45-3:00 Don Miller W9NTP					
1:15 PM						Workbench 2:15-3:15 Dino Papas KL0S							
1:30 PM			DSP 2:00-3:30 Gordon West WB6NOA	ARRL Software Defined Radio 2:30-5:00 Ed Hare W1RFI	DX 2:45-5:00 Don DuBon N6JRL		ARES 2:30-3:30 Jack Sovik KB8WPZ						
1:45 PM													
2:00 PM													
2:15 PM													
2:30 PM		ARRL Lab 2:30-3:45 Powerline Noise Ed Hare W1RFI				ATV 3:30-5:00 Art Towslee WA8RMC	Collins 3:45-5:00 David Knepper W3ST	MARS 3:15-5:00 Ron Jakubowski K2RJ					
2:45 PM													
3:00 PM	Antennas 2:30-5:00 Tim Duffy K3LR												
3:15 PM													
3:30 PM		County Hunting 4:00-5:00 Tim Eklin W8JJ	Techniques of the Best Operators 3:45-5:00 Mitch Stern W1SJ	2:30-5:00 Bob McGwier N4HY									
3:45 PM													
4:00 PM													
4:15 PM													
4:30 PM													
4:45 PM													
5:00 PM													

Forum descriptions to be included in the Program are due by **April 1.** **Send to forums@hamvention.org.**

FRIDAY, May 14th

9:15 a.m. - 11:15 a.m — **TAPR** — **Room 1**
Moderator: Steven Bible, N7HPR

11:30 a.m. - 12:30 a.m — **APRS** — **Room 1**
Automatic Position Reporting System
Moderator: Bob Bruninga, WB4APR
Speakers:
"New Byonics APRS Products", Byon Garrabrant, N6BG
"New VHS Products APRS Products", Allen Lord, AF60F
"New Argent Systems APRS Products", Scott Miller, N1VG
"New RPC Electronics APRS Products", Jason Rausch, KE4NYV
"Other Advances in APRS from the floor"

12:45 p.m. - 2:15 p.m — **D-STAR** — **Room 1**
Moderator: Greg Sarratt, W4OZK
Speakers:
DVAP / DV Dongle / D-PLUS / Multiple software packages
Robin Cutshaw, AA4RC
"Home-brew D-STAR repeater" David Lake, G4ULF
D-RATS, D-STAR digital data software Dan Smith, KK7DS

2:30 p.m. - 5:00 p.m. — **Antennas** — **Room 1**
Moderator Tim Duffy, K3LR , ARRL
Speakers:
"Is Your Antenna Properly Insured", Ray Fallen, ND8L
"The 8 Vertical Receiving Array" Joel Harrison, W5ZN and
Bob McGwier, N4HY
"Exotic Antenna Pattern Measurements" Greg Ordy, W8WWV
"What's New at SteppIR" Mike Mertel, K7IR

9:15 a.m. - 10:45 a.m. — **ARRL Public Relations Forum** — **Room 2**
Moderator: Allen Pitts, W1AGP

11:00 a.m. - 12:00 p.m. — **Fox Hunting** — **Room 2**
Moderator: Dick Arnett, WB4SUV

12:15 p.m. - 2:15 p.m. — **BalloonSat** — **Room 2**
Moderator: Bill Brown, WB8ELK
Speakers:
"Digital Modes for Amateur Radio High Altitude Balloons",
Bill Brown, WB8ELK
"Arizona Near Space Research - Amateur Ballooning in Arizona",

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

BalloonSat continued

Jack Crabtree, W7JLC
"EOSS: Twenty years of high altitude ballooning in Colorado",
Nick Hanks, N0LP
"Successful integration of amateur radio ballooning into a liberal arts college",
Pete Sias, N0OY,
"SSTV Aboard ARBONET High Altitude Balloon Flights",
Doug Loughmiller, W5BL
"NASA Glenn Explorer Post BalloonSat flights",
Dave Snyder, Cliff Ahrens, K0CA

2:30 p.m. -3:45p.m. **ARRL Lab: Power-Line Noise** **Room 2**

Moderator: Ed Hare, W1RFI, from the ARRL Headquarters staff
ARRL Lab Manager Ed Hare, W1RFI, explains what power line noise is, how to differentiate power-line noise from other noise sources, and how to work with your power company, ARRL and the FCC to get it fixed. He also describes how ARRL is working with the FCC and the power industry on possible long-term solutions to prevent power-line noise before it happens.

4:00 p.m. - 5:00 p.m. **County Hunting** **Room 2**

Moderator: Tim Eklin, W8JJ
Speakers:
"What is County Hunting?" Leo Bingham, WY7LL
Forum features a 20 minute video covering the full range of county hunting topics, techniques, and information about earning the prestigious Worked All Counties award sponsored by CQ Magazine.
"Exciting new awards", Randy Hatt, AA8R
Forum provides an update of club happenings from Randy's prospective as a regional director and highlights the exciting new awards that are now available.

9:15 a.m. - 10:15 a.m. **HAARP** **Room 3**

Moderator: Dr Paul Bernhardt, KF4FOR
HAARP stands for The High Frequency Active Auroral Research Program. The goal of this program is to further advance our knowledge of the physical and electrical properties of the Earth's ionosphere which can affect our military and civilian communication and navigation systems. The HAARP program operates a world-class ionospheric research facility located in Gakona, Alaska.

10:30 a.m. - 12:00 p.m. **Teachers' Workshop** **Room 3**

If you plan to work with kids in ham radio, or already have a young people's class or group, you won't want to miss this forum. Come hear well known industry professionals, as well as teachers, share their exciting

ideas and suggestions about recruiting, teaching, and working with young adults.
Moderator: Carole Perry, WB2MGP
Speakers:
"The Influence of Teachers and Ham Radio on My Career "
Bob Heil, K9EID
"The Role of The Instructors In Working With Kids,"
Gordon West, WB6NOA
"A School Radio Club—A Quarter Century in the Waiting,"
Jim Mayercak, WX8J
"Murphy's Law of Middle School Parents and Administrators,"
Jim Hendershot, WA6VQP

12:15 p.m. - 1:45 p.m. **Ham Radio and the Law** **Room 3**
Getting It Up & Keeping It Up
Moderator: Jim O'Connell ,W9WU, ARRL Volunteer Counsel
Speakers: Fred Hopengarten, K1VR, Author: Antenna Zoning for the Radio Amateur
Paula Uscian, K9IR, ARRL Volunteer Counsel
Cliff Ahrens, K0CA ARRL Midwest Division Director and Chairman of the ARRL Legal Defense and Antenna Assistance Committee.
A discussion by amateur radio attorneys on legal issues of interest to hams: how to avoid restrictive covenants, how to present your case for a tower permit, and information on the latest court rulings on RFI, PRB-1 and towers.
Updates on the ARRL's Legal Defense and Antenna Assistance Committee.

2:00 p.m. - 3:30 p.m. **Add-on DSP Speakers— Live Demos** **Room 3**
Moderator: Gordon West, WB6NOA
Gordon West brings in the latest add-on DSP speakers from ClearSpeech and bhi,and lets the audience judge which ones hush the noise best . Gordo describes how they can sniff out propagation beacons , and a blast off with the new 10 watters just announced at Hamvention. Finally, some of the DSP manufacturers will be on hand, to go one on one, and to give away a DSP door prize to one lucky ham . Gordo, will of course, poke a little fun during these demos !

3:45 p.m. - 5:00 p.m. **Techniques of the Best Operators** **Room 3**
Moderator: Mitch Stern, W1SJ

9:15 a.m. - 10:15 a.m **QRP: Why Should I Try It** **Room 5**
Utilizing five watts or less
Moderator: Ken Evans, W4DU
Speakers: "Getting started with QRP", Rich Arland, K7SZ

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

Rich will explain where to find information on these small, simple QRP rigs that you can buy and/or build. You will also learn how many hams have worked the world using this gear. Anyone interested in having over 300 DXCC confirmed using one watt and simple receivers? Come and see how it's done and join in on doing more with less.

10:30 a.m. - 11:30 a.m **Antennas—The Final Frontier** **Room 5**

Moderator: Frank J. Beafore, WS8B

With amateur radio equipment becoming very complex and difficult to service, the average ham has much less opportunity to build simple systems that enhance their station and operating efficiency. Antennas, on the other hand, are easy to fabricate and add a lot to the effectiveness of an average radio station. Based on a simple theory and basic mathematics, very efficient antennas can be designed and built.

This forum will introduce the participants to the history and basic theory of the design and building of a variety of antenna systems. Everyone will leave with enough knowledge to build their own antenna system, which will give them the pride of conquering radio's "last radio frontier".

11:45 a.m. - 12:45 p.m. **Kit Building** **Room 5**

Moderator: Joe Eisenberg, K0NEB
DZ Kits Brian Wood, W0DZ
Hendricks Kits: Doug Hendricks, KI6DS
Elecraft Wayne Burdick, N6KR

1:00 p.m. - 2:15 p.m. **YLRL** **Room 5**

Moderator: Cheryl Muhr, N0WBV
Speakers: Nancy Rabel-Hall, KC4IYD/8,
Anne Manna, WB1ARU

Young Ladies' Radio League will present this forum especially for licensed women hams and women who are interested in learning more about our hobby from the women's point of view. All presenters are past presidents of Young Ladies' Radio League who will be speaking on the efforts of YLRL to connect women in the hobby with one another. Topics will include nets, web pages, publications and conventions. There will be door prizes.

2:30 p.m. - 5:00 p.m. **ARRL Software Defined Radio** **Room 5**

Moderator Bob McGwier, N4HY

SATURDAY, May 15th

9:15 a.m. - 12:15 p.m. **Youth Forum** **Room 1**

You won't want to miss this one!

Moderator: Carole Perry, WB2MGP

Come join the fun and share the pride by attending this forum to support our talented young speakers. Bring kids with you to inspire them to join the fun of being a youth in ham radio. Kids will get to meet other young hams, and we'll all be treated to hear from Gordon West WB6NOA and Bob Heil K9EID. Co-sponsors this year are ICOM, MFJ, L'Anse Creuse ARC, Radio Club of America, Heil Sound, and Gordon West, The W5YI Group and Kenwood.

For the very first time….ADULTS will have their own drawing for an ICOM 7200 hf rig!!!! You must be present to win!

Speakers:
Nate Anderson, KD0JAV, age 14, Boulder, Colorado
"Hams Save Lives With Skywarn."
Brady Gordon, KD0BJS, age 10, Boulder Colorado
"Digital Modes—QSO's Below the Noise level."
Andrew Koenig, KE5GDB, age 16, Houston, Texas
"Youth and Amateur Radio Satellites."
Randy Mitchell, KJ6BXV, age 11, Ojai, California
"Beginning in Ham Radio and Starting a Youth Net."
Joey Freeland, KD0HFZ, age 15, Central City, Iowa
"My First Year: Exploring Hobbies Within the Hobby"
Josh Gerard, KC8ZOW, age 16,
Caleb Pratt, KD8CPK age 15 and Ben Veltman, KD8GBY,
age 16 from ARGYL (amateur radio group of youth in Lowell)
"Build it Yourself.", Lowell, Michigan
Jeff Onan, KD8KUR, age 16 and Bob Schreur, KD8IJI, age 16
from ARGYL, Amateur Radio Group of Youth from
Lowell, Michigan "Building a Good Club.", Lowell, Michigan

To pay tribute to the amateur radio clubs that do so much to enhance the hobby and service, the following representatives with speak about their clubs:
Dr. Henry Catherino, N8AT, L'Anse Creuse ARC;
Steve Meer, K0SCC, BARC Jr;
Wayne Francis, W6OEU, President, Ojai Valley ARC;

You will not want to miss an exciting announcement about a Youth DX Adventure by Dave Kalter ,KB8OCP and Don DuBon, N6JRL

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

12:30 p.m. - 2:30 p.m. **Contesting** **Room 1**

Moderator: Doug Grant, K1DG
Speakers: "Building a Texas-size Contest Station"
Don Daso, K4ZA; John Crovelli, W2GD;
George Demontrond, NR5M
"A Century of Contesting Down Under", Chris Platt, VK5CP
"Countdown to WRTC 2010" , speaker TBA
"How to Become a 50 wpm CW Wizard", Cal Darula, K0DXC

2:45 p.m. - 5:00 p.m. **DX** **Room 1**

Moderator: Don DuBon, N6JRL
Speakers:
"Midway Island DX Pedition", Tom Harrell, N4XP/K4M
"Chesterfield Islands DX Pedition", George Wallner, AA7JV/TX3A
"Iraq DX Pedition", Paul Ewing, N6PSE/YI9PSE

9:15 a.m. - 10:15 a.m **SATERN** **Room 2**

Salvation Army Team Emergency Radio Network
Haiti, following the January 12 earthquake
Moderator: Ken Panczyk, W9KMP
Speaker: Mr. Bill Shillington, W9ZCL; Central Territory SATERN Coordinator
Major Shirran will begin the SATERN forum presentation with an overview of the response to Haiti in the first 11 days following the January 12th earthquake. He will set the scene for the event with some history, then move to The Salvation Army's initial response with personnel and resources. He will also focus on communications on the ground, including SATERN/ Amateur Radio response during the initial stages of the international response to the crisis.
He will then present the second phase of Haitian relief efforts: logistics of food and water distribution and solving of various security problems.

10:30 a.m. - 11:30 a.m **Drake** **Room 2**

Moderator: Evan Rolek, K9SQG
Restoring, enhancing, or upgrading Drake equipment...the choices are yours
"Pieces, parts, and places", Mark Gilger, WB0IQK.
"Adapting the L4B linear to modern rigs, plus some cosmetics",
Evan Rolek, K9SQG.
"C-line PTO improvements and maintenance: why the C-line still belongs in your arsenal", Rob Sherwood, NC0B.
"Ask the Experts: Questions & Answers", Jeff Covelli, WA8SAJ,
Mark Gilger, WB0IQK, and Gary Poland, W8PU.
FREE prize drawing including Drake memorabilia, Sue, our "Lady of Luck".

11:45 a.m. - 2:00 p.m. **Newsline Town Hall Meeting** **Room 2**

"Amateur Radio as a Way to Find (or Keep) a Job in Today's Shrinking Job Market"

Moderator: Bill Pasternak, WA6ITF; Amateur Radio Newsline, Inc. - Los Angeles, CA. (Fox Television Stations / KTTV - Retired)

Sponsored by the Amateur Radio Newsline, Inc.

With the United States and world economies still in a downward spiral, and jobs getting scarcer by the day, this year's "Ham Radio Town Meeting" will deal with the topic of how an amateur radio license might get you a job—or at least a job interview and/or how to use your amateur license to keep a job you might now have. This year's Town Hall Meeting will address the answers to these questions:

• How do you make a potential employer more aware of the value of employing a ham?

• How do you impress a potential employer with your skills gained through amateur radio?

• What do you do if the company you are working for closes its doors?

To accomplish this, we are assembling a group of speakers who have "been there and done that" over the years and who, thanks to holding an Amateur Service license have been able to weather more than one financial storm.

We will not have all the answers, but hopefully we will at least be able to give you some general guidance in gaining employment or keeping a job.

Speakers: (*Subject to change)*

Diana Eng, KA2UHB - Fashion Designer of Electronic Integrated Clothing - NYC, N.Y. - Integrates electronics into clothing design. Diana also produces and hosts on-line videos explaining the various aspects of electronics and communications.

Bob Heil, K9EID-Heil Sound Ltd., Fairview Heights, IL, says that he is "A Poster Child For Ham Radio." His interest in radio and electronics as a "kid ham" brought him success in sound reinforcement, equipment design, home theater design and now as the designer / manufacturer of the latest generation in high performance microphones for the broadcasting, recording and live sound industries, as well as amateur radio.

Steve Mendelsohn, W2ML- ABC Television NYC, NY - Ham radio has gotten him every job he's ever had—including network engineering positions at CBS and ABC. Steve is the first to tell you that all of this happened because he got interested in ham radio as a teen.

Rich Moseson, W2VU - Editor - CQ Magazine - Bloomfield, N.J. His first big break was at CBS-TV where his ham license helped him get a job on In The News. His second big break was when his ham license got him the position as founding editor of CQ-VHF.

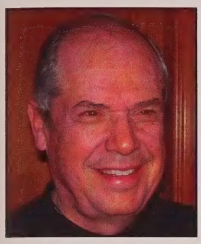
Allen Pitts, W1AGP - Media Realizations ARRL - Newington CT. - Allen came to the ARRL after a three-year stint as executive director of The Box

continued on page 38

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

Award Winners

Amateur of the Year – Jim Stafford, W4QO



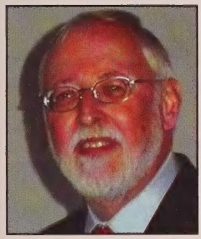
Jim grew up on a farm in south central Indiana where he became an amateur operator at age 16 as KN9MAF. After graduating Purdue University and MIT in Electrical Engineering he started his career at Bell Telephone Laboratories and progressed through a number of positions at A.T.&T., Southern Bell and Bellsouth, finally retiring after 30 years in 1994 in Atlanta.

Jim reached out to young people to get them interested in the sciences and Amateur Radio. He started a program called RadioActive Schools, taking science, in general, and amateur radio, specifically, to over 2000 students. As Station Manager, Jim installed and managed the ham radio station (W4WOW) at the SciTrek Science Museum in Atlanta. ARRL recognized his work with youth and adults teaching amateur radio, with the ARRL Herb S. Brier Instructor of the Year award for 1992.

An avid QRPer, joined the QRP Amateur Radio Club International executive board in 1995, serving as VP in 1999, president 2000 to 2002 and chairman of the Four Days In May event in 2005. Most recently as a long time

continued on page 36

Special Achievement Award – Richard "Dick" Ross



In September, 2010, Dick Ross will mark his 50th anniversary with CQ magazine. Dick started working for Cowan Publications and quickly worked his way up to Associate Editor for CQ Magazine. Over the years Dick was promoted to a variety of jobs culminating in 1979, he was General Manager and Controller for all of Cowan Publications, which at the time was publishing seven magazines. CQ was not the strongest of them, and Publisher Richard Cowan was considering shutting it down.

Sensing an opportunity, Ross and his successor as CQ Editor, Alan Dorhoffer, K2EEK, bought the magazine from the Cowans in 1979 and set out to build it into a totally new publication that would instill a new vitality to the ham radio hobby. Today, CQ Communications publishes CQ, Popular Communications, CQ VHF and WorldRadio Online.

continued on page 36

Technical Achievement Award - Simon Brown, HB9DRV

Simon Brown, HB9DRV was awarded the Technical Achievement Award for the invention and development of Ham Radio Deluxe.

"I am very honored to have been awarded the Dayton Hamvention 2010 award for technical excellence, following in the footsteps of Dave Bernstein, AA6YQ (2008) and Copthorne "Cop" Macdonald, VY2CM (2009)."

Simon was born in Stamford, Lincolnshire, England on October 2nd, 1957. From the age of eleven he was fascinated by electronics and especially radios. First transmission experiments were sadly unsuccessful - connecting a microphone in series with the mains power cable of an old radiogram. Despite this

continued on page 36

Amateur of the Year (continued)

member of the North Fulton Amateur Radio League (NFARL) joined a team of four others to rejuvenate the club. Jim became the president of NFARL in the fall of 2006. The club has over 250 members today, weekly activities for all ages, and is a Special Service Club.

Jim presently serves as the club's youth/school liaison. He is also a member of the SEDX club, the SE Contest Club, the Atlanta Radio Club, NFARL, MATPARC, and a life member of the ARRL.

Special Achievement Award (continued)

Dick Ross has become a respected leader in the ham radio community, working closely with the many businesses that make the ham industry, as well as with contesters, DXers and other active hams through oversight of the CQ contest and award programs. He is also responsible for starting the CQ DX Contest and Amateur Radio Halls of Fame, which honor outstanding amateurs in all areas of the hobby.

He is a fervent supporter of bringing more youth to our hobby. He dedicates space in CQ and Worldradio Online to the achievements in ham radio by its youngest members through the "Kids Korner" column in CQ and in Worldradio OnLine in the longtime "Youth Column."

In yet another youth oriented undertaking, since 1996, CQ (and Dick) have science, in general, and amateur radio, specifically, to been one of two key corporate underwriters of the "Amateur Radio Newsline Young Ham of the Year Award." As a result everyone selected to be a Young Ham of the Year Award recipient has had the opportunity to attend Spacecamp in Huntsville Alabama.

Technical Achievement Award (continued)

and similar setbacks, the UK Radio Amateur Examination was passed in the winter of 1973. His first call sign was GD8IQM (February 26th, 1974), then after passing the CW exam at 12 wpm GD4ELI (September 18th, 1975). Finally he obtained his Swiss license HB9DRV issued on June 12th, 2001.

He studied for a degree in electronic engineering and mathematics at Bangor University, North Wales, passed with 1st class honors. Hechose to excel in computer software development.

In 1991,Simon started his Ham radio programming passion with the program FT-817 Commander followed by Ham Radio Deluxe in mid-2003 with Peter Halpin ,PH1PH (SK). As of January 1, 2010 he has concentrated 100% on radio-related software. He is the founder of sdr-radio.com specializing in software defined radio.

Simon currently lives in Laax, Switzerland with four cocker spaniels.

Previous Award Winners

AMATEUR OF THE YEAR

1955 .....William C. Jenney, W8FYW
Benjamin S. Zieg, W9EHU, K40QK
1956.....Edmund C. Ryan, W8LRR
1957.....Ralph Crammer, W8VHO
1958 .....Rev. C. Lynn White, K4CC
1959.....Harlow Lucas, W8QQ
1960.....Paul Woffe, W8IVE
1961.....Ed Bonnet, W8OVG
1962.....Dana Cartwright, W8UPB
1963.....Chester Funk, K8EUF, K7ZKL
1964 .....H. Ruble, W8PTF
1965.....Carl B. Snyder, W8ARW
1966.....Robert K Caskey, W9DNQ
1967.....Jack Gray, W8JDV
1968.....Elmer Schubert, W8ALW
1969.....Wayne Walters, W9DOG
1970.....Kay Anderson, W8DUV
1971.....Al Michel, W8WC
1972 .....Don C. Miller, W9NTP
1973.....Ray E. Myers, W6MLZ
1974.....Barry Goldwater, K7UGA
1975 .....Richard A. Daniels, WA4DGU
1976.....Joseph M. Hertzberg, N3EA
1977.....Rafael M. Estevez, WA4ZZG
1978.....Frank Schwab, W8OK
1979.....George G. Batterson, W2GB
1980.....Wayne Overbeck, N6NB
1981.....Eric C. Shalkhauser, W9CI
1982.....Robert G. Heil, Jr., K9EID
1983.....Katashi Nose, KH6IJ
1984.....Dave L. Bell, W6AQ
1985.....John J. Willig, W8ACE
1986.....Roy Neal, K6DUE
1987.....Carole Perry, WB2MGP
1988.....Bill Bennett, W7PHO
1989.....Bill Pasternak, WA6ITF
1990.....Stephen Mendelsohn, WA2DHF
1991.....John B. Johnston, W3BE
1992.....Richard Baldwin, WIRU
1993.....Harry Dannals, W2HD
1994.....Perry Williams, WlUED
1995.....Rosalie White, WAISTO
1996.....William A. Tynan, W3XO
1997.....Leo I. Myerson, WØGFQ
1998.....Andrew J. Feldman, WB2FXN
1999.....Kenneth M. Miller, K6IR
2000.....Marttie Laine, OH2BH
2001.....George Jacobs, W3ASK
2002.....Alanson "Hap" Holly, KC9RP
2003.....Larry "Tree" Tyree, N6TR
2004.....David Kopacz, KY1V
2005.....Alan S. Kaul, W6RCL
2006.....Gordon West, WB6NOA
2007.....Jim Haynie, W5JBP
2008.....Ward Silver,NØAX
2009.....Wade D. Hampton, K4ITL

SPECIAL ACHIEVEMENT AWARD

1977.....South American Moonbounce (EME)
Expedition Team of the Mt. Airy VHF
Radio Club Inc., Philadelphia, PA
Elliott Weisman, K3JJZ
Anthony Sousa, W3HMU
S. William Olsan, W3HQT
Walter Boldman, K3BPP
Daniel Mitten, WA3NFU
Socrates Martinez, WB3AFY
Bohnar Aguilar, WB3AOP
1978.....Ronald Moorefield, W8ILC
1979.....Edward Tilton, W1HDQ
1980.....Joseph Merdler N6AHU
198I .....Bill Pasternak, WA6ITF, Bill Orenstein, KH6IAF
1982.....Bruce Humphrys, KØHR
1983.....Lenore Jensen, W6NAZ
1984.....Ethel Smith, K4LMB
1985.....Judith Frye, KG8P
1986.....Rev. Michael Mullen, C.M., WB2GQW
1987.....Arthur Gentry, W6MEP
1988..... Fred Hammond, VE3HC
1989..... Phil Karn, KA9Q
1990..... Paul Thomson, KCØVG
1991..... Nate Brightman, K6ØSC
1992..... Ned Raub, W1RAN
1993..... Robert Adams, WA9ZMO
1994..... Russ Kroeker, N7HGE
1995..... Ed Briner, WA3TVG
1996..... John Kraus, W8JK
1997..... Joseph J. Fairclough, WB2JKJ
1998..... John B. Bellows, Jr., KØQB
1999..... Paul D. Lieb, KH6HME
2000..... A. Prose Walker, W4BW
2001..... Frank Bauer, KA3HDO
2002..... Dr. Owen Garriott, W5LFL
2003..... Jonathan Taylor, K1RFD
2004..... George S. Wilson III, W4OYI
2005..... D. Bharathi, VU2RBI
2006..... Riley Hollingsworth, K4ZDH
2007..... Ed Hare, W1RFI
2008..... Emery McClendon, KB9IBW
2009..... Richard Garriott, W5KWQ

TECHNICAL EXCELLENCE AWARD

1984.....Lyle Johnson, WA7GXD
1985 .....Richard Whiting, WØTN
1986.....M. E (Doug) DeMaw, W1FB
1987.....Henry (Hank) Oredson, WØRLI
1988.....Lew McCoy, W1ICP
1989.....Byron Goodman, W1DX
1990.....Bob McGwier, N4HY
1991.....Lou McFadin, W5DID
1992.....Gerald Cromer, K4NHN
1993.....Dick Jansson, WD4FAB
1994.....Dick Newell, AK1A
1995..... Philip Ferrell, K7PF
1996..... William Orr, W6SAI
1997..... Al Ward, W5LUA
1998..... Robert E. Bruninga, WB4APR
1999..... Alfonso R. Torres, KP4AQI
2000..... Dr. H. Paul Shuch, N6TX
2001..... Peter Martinez, G3PLX
2002..... Allen Waller, K3TKJ
2003..... Steve Dimse, K4HG
2004..... Barry Sanderson, KB9VAK
2005..... Dr. Jerry Sevick, W2FMI
2006..... Richard Illman, AH6EZ
2007..... David Cameron, VE7LTD
2008..... Thomas C. McDermott, N5EG
2009..... Copthorne Macdonald, VY2CM

Project Inc—a national, member-based charity that matches volunteers with families needing help. For eight years prior to that, he directed a multi-program human services agency that, among other things, was responsible for emergency shelters, transitional living, a court alternative sanctions program, emergency food services and an AIDS respite program. He also has many years experience as a senior therapist in hospital psychiatry settings.

Bob Sherman, K2SJP - Aircraft Radio Engineer (retired) - Tampa FL - An amazing ham radio double career story: Out of trade school his ham license got him an avionics tech position with Pan Am. He was on the verge of retirement when the airline folded— leaving him without a job or a pension. His ham license got him a job and second career at FedEx from which he recently retired.

Door prizes will be drawn between speakers and at the end of the session. You must be present to win.

2:15 p.m. - 3:15 p.m. **Ham Radio Workbenches** **Room 2**

Moderator: Dino Papas, KL0S

This presentation is intended to examine building a ham radio workbench from the basic to the advanced and to help stimulate interest in the technical side of ham radio. The presenter's hope is that those in attendance will come away with a better understanding of how they can put together their own ham workbenches by learning more about the tools and test equipment available to them, both for maintaining their stations and antennas and in homebrewing their own gear.

3:30 p.m. - 5:00 p.m. **ATV (Fast Scan Amateur Television)** **Room 2**

Moderator: Art Towslee, WA8RMC—"ATCO repeater update"

Speakers:

"Dress up for live demos" Gordon West, WB6NOA

"Philadelphia, PA repeater update" Ron Cohen, K3ZKO

"ATN California repeater update and ATVQ Magazine"
Mike Collis, WA6SVT
and Bill Brown, WB8ELK

"Grand Rapids, Mich repeater update"
Ron Fredricks, K8DMR

"Dayton, Ohio repeater update"Jess Nicely, KB8OFF

"An Amateur's Life in ATV/Image Communications"
Ralph Taggart, WB8DQT)

9:15 a.m. - 10:15 a.m. **FCC EmComm (Emergency Communications)** **Room 3**

Moderator: Bill Cross, W3TN (Wireless Telecom FCC)

Speaker: Curt Bartholomew, N3GQ.(Homeland Security FCC)

10:30 a.m. - 11:45 a.m. **ARRL Lab: Antenna Modeling and Propagation Prediction Software** **Room 3**

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

Moderator: Ed Hare, W1RFI, from the ARRL Headquarters staff.
An introduction to using propagation and antenna modeling software to answer common antenna questions and to plan and build the best antenna for you!

12:00 p.m. - 1:00 p.m. **RTTY Contesting** **Room 3**

Moderator: Shelby Summerville, K4WW
RTTY contesting from the Stanford University Amateur Radio Club station, W6YX.
The Stanford University club station ,W6YX, has a history dating back to the 1920s, but participation in RTTY only began in 2001. Improvements in equipment, operating techniques, and in the number of skilled operators have lead to rapidly improving contest scores, and a number of First Place finishes in NAQP RTTY. Our speaker, Stanford alumni and club member Mark Aaker, K6UFO, will discuss how the changes occurred, and how the lessons learned can help individuals, and other school and club stations, increase their enjoyment of RTTY and RTTY contesting.

1:15 - 2:15 p.m. **ARRL Member Forum** **Room 3**

Moderator: Jim Weaver, K8JE, ARRL Director—Great Lakes Division

2:30 p.m. - 3:30 p.m. **Amateur Radio Emergency Service® (ARES)** **Room 3**

Moderator: Jack Sovik, KB8WPZ, ARRL Ohio Section Emergency Coordinator
Speaker: Allen Pitts, W1AGP, ARRL Media and Public Relations Manager

3:45 p.m. - 5:00 p.m. **Maintaining Your Collins Ham Radio Equipment** **Room 3**

Moderator: David Knepper, W3ST/W3CR
Secretary of the Collins Radio Association
Speakers: Ted Craven, W5USI
Factory Service Representative for Collins Amateur Radio Equipment, Collins Radio Company

9:15 a.m. - 11:00 a.m **VHF/UHF/Microwave** **Room 5**

Moderator: Michael Schulsinger, N8QHV &
Red Dakin, W8ULC
Speakers: "AML Amplifier Update", Richard Frey, WA2AAU
"Data Antennas", Kent Britain, WA5VJB
"Achieving DXCC at Microwave", Sam Jewell, G4DDK/W5DDK

continued on page 43

2009 DARA Scholarships

Since 1983, the Dayton Amateur Radio Association has been able to assist young amateurs heading to college by awarding scholarships. Over the years, we have awarded 131 scholarships that total more than $218,500. The scholarship can be used by the student for tuition at the school of his/her choice. The program is available nationwide to any FCC licensed amateur radio operator graduating from high school in the year the award is given. There are no restrictions on class of license or course of study.

Since we have returned to an "all-volunteer" show and reduced costs, we were able to reinstitute the scholarship program in 2005. We awarded two scholarships in 2006 and four scholarships per year since through ARRL. At the same time, we are investing funds ($180,000 to date) in the ARRL Foundation to ensure that the scholarship program will continue into the future.

After graduating from Bloomington High School South with a 4.37 GPA, **Nicholas Bauer, KC9GZY** attends Indiana University studying Accounting and Finance. He holds a General Class Amateur Radio license, having been licensed first in 2005. Ham radio operations include participation in local nets, fox-hunting and some, contesting and chasing DX. He can be found on the 2m and 70 cm bands as well as 20m 17m and 40m. Nicholas won numerous academic awards including the Indiana University Founder's Day Honors and the US Marine Corps Scholastic Excellence Award. His community activities include participation in the Argus Canine Search and Rescue Team, the high school Concert Band, Jazz Band and Pep Band, and participated in the Adopt-A Road program for more than 8 years. He is a member and former president of the Bloomington HS Amateur Radio Club, a trained SKYWARN Rewrite to read: Weather Spotter, a member of ARES and has served as an ARRL VE since 2007.

After graduating from Leavenworth Senior High School with a 3.8 GPA, **Emily Stewart, KCØPTL** attends the University of Kansas in the pre-Pharmacy program. She holds a General Class Amateur Radio License, having been licensed first in 2003. Emily is an ARRL member and serves as the Kansas Assistant Section manager for Youth. She is a member of the Kickapoo QRP Amateur Radio Club, the YLRL, AMSAT and the Leavenworth County ARES. She operates Field Day and participates in the Kansas State Convention each August where she staffs the youth table. She is a co-founder of the Kansas Legacy Project that encourages licensed hams to involve younger family members in Amateur Radio. Emily has completed the Level One on-line emergency communications course as well as three FEMA courses. She is a trained weather spotter and participates in the annual SET in November. She operates Field Day and QRP mostly on 2m. She makes satellite contact and anticipates chasing more DX when the sunspots appear.

2009 DARA Scholarships

Thomas Fielitz, KC8YAK, is a student at Michigan State University where he holds a 4.0 GPA and is on the Dean's List as he pursues dual majors in Chemical Engineering and Chemistry. He also carried a 4.0 average at Port Huron High School and at St. Clair Community College. In high school he was Rewrite to read: Weather Spotter, a member of ARES and has served... as a National Merit Commended Scholar and participates in the International Science and Engineering Fair. At Michigan State he is a member of the Spartan Marching Band, the Geology Club and the MSU Amateur Radio Club. He performs volunteer work in the community for the local nature center and Adopt A Stream program. He is a member of ARRL.

After graduating from Wabasso High School with a 3.98 GPS, **Alex Brech, KCØYLD** attends the South Dakota School of Mine and Technology (SDSMT) where he has earned a 3.6 GPA studying computer engineering. Alex holds an Extra Class Amateur Radio license and was first licensed in 2006. While in high school he was a member of the National Honor Society and earned a National Merit Letter of Commendation. He pursued his interest in music in the Concert Band and plays the clarinet and piano, and has participated in state competitions for both instruments. Alex is an ARRL member as well as a trained storm spotter and member of the Minnesota ARES where he has participated in Search and Rescue missions. At SDSMT Alex serves as president of the amateur radio club, is a member of the Robotics team and the Pep Band. He is a nursing home volunteer and volunteer with the Future Farmers of America.

2010 DARA Scholarship Winners

Chelsey Bruce, KC8YSS, Cuyahoga Falls OH
Elizabeth Garbee, KCØOTR, Black Forest CO
Kathryn Ankenbauer, KD8AHA , Portage MI
James Schwoebel, KJ4PLS, Newnan GA

Future Scholarships

The ARRL Foundation will be announcing the recipients of DARA's Scholarships for this year after May 15th. To apply for future DARA Scholarships, please contact the ARRL Foundation at 225 Main Street, Newington, CT 06111 or by e-mail at foundation@arrl.org. Applications and instructions can be downloaded from:

http:/www.arrl.org/arrlf/schoappl.html

Applications must be submitted no earlier than October 1st and no later than February 1st along with a current academic transcript.

Past DARA Scholarships Awarded

Year	Scholarship #1	Name	Call	Scholarship #2	Name	Call	Scholarship #3	Name	Call	Scholarship #4	Name	Call
1983		Richard Gibson			David Somers							
1984		Terence R. Mahone			Jerome J. Serotnik							
1985												
1986		Tracy LaFleur	N5FKG		Angela Fox	KA6JPD		Christine Hammer	WD8PWV		Brian Bourque	KA1IPP
1987		Carol Lee Colby	KA8PLF		Michael Wozniak	KD8TA		Douglas Kleeman	KA9LWN		Robert Jackson	KA7OCV
1988		Lynn Bailey	KA8PWD		Ross Lepiane	WG7I		David Milthaler	N8FGX		Scott Sterling	KA8UGM
1989		Laurie Sandell	N2FSO	Robert F. Zimmerman	Jon Kidder	KB8QFL		Cynthia Gauthier	N5KLQ		Lesley Walker	N4TFJ
1990	Charles G. Frye	Mark Hendrickson	N6WRL	Robert F. Zimmerman	Mary K. Beardslee	N8HY		Martin Green	KA2VLD		Jennifer Doerrie	KA5WMJ
1991	Charles G. Frye	James Harper	KB5CTQ	Robert F. Zimmerman	Jerry Hensley	N8HUT		John Scott	KA9OAG		Jennifer Doerrie	KA5WMJ
1992	Charles G. Frye	Thomas M. Turk	KM4VI	Robert F. Zimmerman	Shawn E. Allen	KB8IYA		Michael A. Shelly	KF0SV		Dwight A. Harris Jr.	N0NTM
1993	Charles G. Frye	Dean Madsen	KE0WO	Robert F. Zimmerman	Matthew Minney	N8PIG	David L. Beam	Steven Fook	N2PIF		Dwight A. Harris Jr.	N0NTM
1994	Charles G. Frye	Jerry "Jay" Hensley Jr.	N8HUT	Robert F. Zimmerman	Eric I. Shook	KF8DF	David L. Beam	Douglas P. Regulinski	N2QAN		Dwight A. Harris Jr.	N0NTM
1995	Charles G. Frye	Teresa M. Hensley	KA8YTO	Robert F. Zimmerman	Eric I. Shook	KF8DF	David L. Beam	Alexis M. Leynes	N9KYJ		Dwight A. Harris Jr.	N0NTM
1996	Charles G. Frye	Teresa M. Hensley Jason Hale &	KA8YTO KF4NVT	Robert F. Zimmerman	Matthew R. Thomas	N8TWF	David L. Beam	Sandra K. Saunders	AB4KS		Dakota A. Derr	AA0NB
1997	Charles G. Frye	Christopher Hale	KF4JUO	Robert F. Zimmerman	Griffith Davies	KC7NWC	David L. Beam	Karen Tessneer	KB8YPN	Frank Schwab	Andrew Sieber	KD4JTV
1998	Charles G. Frye	Adam F. Henry	KC8DDO	Robert F. Zimmerman	James P. Horn	KB8HIP	David L. Beam	Jessica S. Reinhardt	KD6ARA	Frank Schwab	David L. Sellars	N8WAE
1999	Charles G. Frye	George M. Hagedon	KF8XZ	Robert F. Zimmerman	Michael S. Schoettinger	KC8LQU	David L. Beam	Eian D. Counts	KC8EVP	Frank Schwab	Michael Gossenauer	N0UNY
2000	Charles G. Frye	Leslie K. Karp	KC6WZQ	Robert F. Zimmerman	Joseph M. McDermott	KC2CCA	David L. Beam	Victoria R. Morgan	KF4PNI	Frank Schwab	Michael Gossenauer	N0UNY
2001	Charles G. Frye	Sara K. Hanna	KE6MWX	Robert F. Zimmerman	Candice M. Elliott	KC2DTE	David L. Beam	Victoria R. Morgan	KF4PNI	Frank Schwab	Jeffrey R. Doub	KC8IOC
2002		Thomas A. Tenaglia	K3TAT		William S. Bailey	KF4VAU		Victoria R. Morgan	KF4PNI		Nicholas D. Bishop	KG6JSA

Year	Scholarship	Name	Call	Scholarship	Name	Call	Name	Call	Name	Call	Name	Call	Year
1983													1983
1984													1984
1985													1985
1986													1986
1987													1987
1988													1988
1989													1989
1990		Michael Adams	N8GEV										1990
1991		Mary K. Beardslee	N8HEY		Robert Macedo	N2JXQ	Eric Stewart	KA6YYW	Martin Gruen	KA2VLD			1991
1992		Kevin D. Creech	N7VYU		David C. May	KA7STL	Jerry A. Hensley Jr.	N8HUT	Martin H. Gruen	KA2VLD			1992
1993		Barbara Curry	N4TCC		David C. May	KA7STL	Jerry "Jay" Hensley Jr.	N8HUT	Martin H. Gruen	KA2VLD			1993
1994		Alexis M. Leynes	N9KYJ		Stefnee S. Lindberg	N0CNP	Sadie A. Pairitz	KB9CGX	Samantha L. Sheffield	KD4AMZ			1994
1995		Thomas Jirku	N1RFF		Shesha D. Martin	KD6IDF	Kyle Pinches	N8VRA	Johnathan Ramezan	KB8FSD			1995
1996		Lindsay L. Schoettinger	KB8ZJT		Melissa E. Schweikhart	KB8EPO	Eric J. Shook	KF8DF	Kurt A. Zoglmann	KB0TMQ			1996
1997	John Willig	Melissa E. Schweikhart	KB8EPO		Lindsay L. Schoettinger	KB8ZJT	Michael Gossenauer	N0UNY	Barry Mather	KB7VQV			1997
1998	John Willig	Melissa E. Schweikhart	KB8EPO	L.T. Jones	Brian P. Letendre	KE6IRJ	Michael Gossenauer	N0UNY	Colleen A. Loeffler	KB8QGX	Erin M. Swaney	N3MGY	1998
1999	John Willig	Melissa E. Schweikhart	KB8EPO	L.T. Jones	Beth A. Barlow	KC8EIU	Sonya A. Balsky	KB2MVU	Mignon M. Sims	KC5HJU	Nick E. Beltramelli	KB9FFS	John L. Walker	N4DMR	1999
2000	John Willig	Elizabeth S. Haynes	KA1YBE	L.T. Jones	Stephan A. Markland	KC8EAQ	Vanessa S. Durlevy	KC8IFE	Julie H. Jeon	KF6YMD					2000
2001	John Willig	Frederick B. Hummler III	KB8WUI	L.T. Jones	Joseph P. Malburg	KC8DFT	Daniel S. Cox	KC8IGP	Derek E. Floyd	KC5DBS	Ryan P. McGaver	N9ARS			2001
2002		Jenne N. Hansen	KB2RAP		Sara K. Hanna	KE6MWX	Jeffrey R. Doub	KC8IOC	Michael J. Haessler	KB9TGE	Amy M. Morris	KI6F			2002
2003															2003
2004															2004
2005							Jennifer Kincer	KC8HWM							2005
2006							Stuart Bottom	KF6UDF	Justin Kates	KB3JUV					2006
2007							Aaron Bestick	KD7YQE	Amy Johnson	KB3HXF	Bryce Salmi	KB1LQC	Jonathan Van Norman	KC0ORR	2007
2008				Dave Misek	Janet Ruminski	KC8WGT	Jonathan Baize	AD5OJ	Scott Button	KF3CP	Stephen Hughes	KI4EBV	Jacob Wagner	KD8CDC	2008
2009				Dave Misek	Janet Ruminski	KC8WGT	Nichlas Bauer	KC9CZY	Alex Brech	KC0YLD	Thomas Fielitz	KC8YAK	Emily Stewart	KC0PTL	2009
2010															2010

Dayton Hamvention®
Sponsored by Dayton Amateur Radio Association
Since 1952

11:15 a.m. - 1:30 p.m. **AMSAT** **Room 5**

Moderator: Alan Biddle, WA4SCA
Speakers: Barry Baines, WD4ASW, AMSAT President
Drew Glasbrenner, KO4MA, AMSAT VP of Operations
Gould Smith, WA4SXM, Project Manager, AMSAT

"ARISSat-1" Alex Harvilchuck, N3NP, a Systems Engineer with IBM
"AMSAT Status Report" What is happening within AMSAT? Barry will highlight current activities within AMSAT and discuss some of the challenges facing the organization.
"AMSAT Satellite Operations and International Satellite Operations" Drew will discuss operational AMSAT satellites as well as update on new and future International Satellites.
"Getting ARISSat-1 Ready to Fly" Gould will talk about the current status of the satellite project, testing and the delivery of two satellites to Russia in July.
"NextGen CubeSat Program Update" Alex is the NextGen CubeSat Program Manager and will be providing an update on the Program. A team of Binghamton University engineering students have been modifying the power systems from ARISSat-1for use in a 3U CubeSat, with a U/V linear transponder, for AMSAT.

1:45 p.m. - 3:00 p.m. **SSTV** **Room 5**

The Most Spectacular Mobile Slow Scan Installation Ever
Moderator: Don Miller, W9NTP
Speaker: Stephen Smith, WA8LMF
Stephen will show slides of his electronic car which features not only SSTV, but also GPS and other electronic setups operating from his car. There will be a field trip to his nearby parked car. This will give the audience a chance to see this remarkable car and to question how he accomplished these things.

3:15 p.m. - 5:00 p.m. **Combined MARS** **Room 5**

Military Auxiliary Radio System
Moderator: Ronald Jakubowski, (MAJ, AUS-Retired), AAA9AR/K2RJ
Speakers: Major Scott Hedberg, AD7MI
Jim Aylward, AAM5EOH (KC8PD)
"The History of MARS" Major Scott Hedberg, AD7MI,School of Advanced Military Studies, Command & General Staff College, Ft. Leavenworth, KS This presentation explains conditions that lead to the creation of the Army Amateur Radio System (AARS) in 1925 and how the AARS developed through the US entry into WWII. Throughout this 15 year period the predecessor to MARS demonstrated a great deal of diversity in what it could accomplish as an organization. From providing direct communications support to Army units in the field and augmentation of the War Department's Radio Network to providing a vital communications link for CCC camps during the

Depression as well as fulfilling a primary emergency communications role to state and federal officials, AARS proved itself as an adaptable organization that was capable of providing a range of communication services based on the requirements of the government. These historical themes serve as a "bridge" to present day doctrine.

"Updates from the Chiefs" The Chiefs of the three services of MARS, Army, Air Force and Navy-Marine Corps. will provide an update on the progress and changes occurring through the past year and looking ahead to the next year.

"Emergency Planning – From the Bottom-Up" Jim Aylward, Ohio Army MARS Emergency Coordinator (AAM5EOH), Portage County RACES Radio Officer, EC ARES of Portage County, President, Portage County Amateur Radio Service (KC8PD)Jim will briefly explain the process of coordinating various local and regional agencies with MARS and the Amateur Service by leveraging the unique services each can provide. He will also present some practical ideas on preparedness and how to provision a "go-kit."

SUNDAY, May 16th

9:15 a.m. - 10:15 a.m **Red Cross** **Room 1**

Greater Erie County Red Cross Chapter
Moderator: Dan Miller, K3UFG
Speakers: Judy Miller, K1UFG
Duane Whittingham, N9SSN

The Greater Erie County (PA) Chapter of the American Red Cross is quickly establishing itself as "W3ERC - The EmComm Voice of the Tri-State Area. Their may well be the only Chapter in the world with a Verizon cell tower on their premises that sports a 4-element Tri-bander on top at 110' and VHF/UHF vertical antennas at the 50' level. Currently, their communications room has: VHF/UHF Voice, VHF APRS, VHF RMS Winlink, HF Voice/Digital (10 thru 80M), and EchoLink. They are presently pursuing NBEMS as well. In addition to our annual Chamfest, regularly held licensing classes and upgrade classes, they offer EmComm EC-001 and are preparing to do a regional Red Cross Exercise this year. Please join them to share your strengths and weaknesses as they continue to improve Red Cross Chapter communications capabilities.

10:30 a.m. - 11:30 a.m. **Demo of a Synchronous Rotary 500 W Spark Gap Transmitter** **Room 1**

Moderator: Jim Stafford, W4QO
Speakers: Wes Lamboley, W3WL & Hal Kennedy, N4GG.
Stop by and smell the ozone from Blue Lightning"

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

9:15 a.m. - 10:15 a.m. **ARRL Resources for Radio Clubs** **Room 2**

Moderator: Norm Fusaro, W3IZ and
Maria Somma, AB1FM, from the ARRL Headquarters staff

10:30 a.m. - 11:30 a.m. **QCWA** **Room 2**

Moderator: Bob Roske, N0UF
Speakers:
Vice President Ken Oelke, VE6AFO
Secretary Walt Supina, N3WS
Frank Harris, WA4PAM
President Emeritus Harry Dannals, W2HD
Past President John Johnston, W3BE
Baldy Baldwin, WØOLF
Val Erwin, W5PUT
Carolyn Harrison, WBØOUM
Tony Hirsch, W8RSH
Larry McCalvy, WA9JMO
Bill Pasternak, WA6ITF
Ken Simpson, W8EK

9:15 a.m. - 10:15 a.m. **Hamming in Hong Kong** **Room 3**

In Hong Kong (and China), every day is an adventure!
Moderator: Dan Van Hoy, VR2HF/K7DAN)
You'll get a fresh report on the state of amateur radio and clubs in Hong Kong, China and the rest of Asia. Dan will have lots of pictures and stories to share and will host a Q&A session.

10:30 a.m. - 11:30 a.m. **An Introduction to the Arduino for Amateur Radio Applications** **Room 3**

Moderator: Jim Kvochick, WB8AZP
Introduction to Arduino for Ham Radio Operators will provide a brief introduction to the Open Source hardware and software components that make up a programming platform that has already supported thousands of electronic hobbyists in applying microprocessor technologies to hundreds of avocations. The flexibility and low cost of this environment makes it a perfect candidate for 100's of uses around the ham shack. There will be ample time for questions and discussion after the presentation. Additionally, there will be a small raffle (winner must be present) after the session.

9:30 a.m. - 11:15 a.m. **Bicycle Mobile** **Room 5**

The 20th Annual BMHA forum at Hamvention

Moderator: Mike Nickolaus, NF0N
Speakers: Barry Bogart, VE7VIE/WV2J
Arnie Grubbs, KA0NCR
Norm Huber, N9ZKS

Hams of America got its start in 1989 when a QST article by Hartley Alley, NA0A asked hams who operate their radios while bicycle-mobile to get together and form a group. BMHA hosts a website along with the BMHA Yahoo Groups forum.

Our featured speaker is, Barry Bogart ,is an experienced tourist and will be on tour while attending the Hamvention. Barry is riding his folding bike and will be demonstrating his setup complete with APRS.

Norm Huber is our newsletter editor and will be showing his newsletter ideas. Arn Grubbs, will be reviewing his Hamvention ride.

We will also will have bicycle mobiles on display.

Homebrew Round-up

Demonstration Area
From Hams, For Hams – Come and Share!

Discover Homebrew demonstration area, a new feature this year at Hamvention, will be held in the North Hall. Sponsored by Hamvention and supported by the members of the Midwest VHF/UHF Society (MVUS), the demo area will provide an opportunity to show off your project(s) to everyone at the show. Located in booths 179,180,191,192, 203, 204, 215, and 216 in the North Hall, there will be 6 eight foot tables available to accommodate many homebrewers simultaneously. We will provide AC power and HF (and possibly VHF) antenna access.

Discover Homebrew is available during Inside Exhibits hours on Friday and Saturday. This is an informal activity so that you can have casual conversations and answer questions with the people who stop by.

Discover Homebrew is open to all to show their homebrew equipment, so if YOU have something you would like to show off, BRING IT to Dayton! The demo area will operate on an open schedule basis, meaning that you can be there when you want for as long as you want, space permitting. For the more ambitious, we will provide space for you to leave handouts about your creation.

We do insist that you do not conduct any sales from the demo area, as a courtesy to our paying exhibitors. If you have commercial plans for your project, it is fine to go ahead and talk about them.

If you have any questions, concerns, or suggestions (Hey, this is our first crack at it, so we expect to learn a thing or two in the process), please contact us at exhibits@hamvention.org.
We look forward to seeing your designs & creations!

Past DARA Presidents

1926	C.A. Petry	8AWN
1927	C.A. Petry	8AWN
1928	Lou Driggs	W8HEQ
1929	Ray Stotts	
1930	Art John	W8DMI
1931	Fred Rawson	W8KKH
1932		
1933	Fred Allen	W8GER (W8FU)
1934		
1935	Dan C. McCoy	W8CI (W8DG)
1936		
1937		
1938	Emil Henrich	W8OVL
1939		
1940	Russ Gardner	W8TPC
1941		
1942	Cheever Ely	W8LJ
1943	Cheever Ely	W8LJ
1944	Cheever Ely	W8LJ
1945	Hyde E. Ruble	W8PTF
1946	Hyde E. Ruble	W8PTF
1947	Russ Hardy	W8AQT
1948	Clem Wolford	W8ENH
1949	John Willig	W8ACE
1950	Clem Wolford	W8ENH
1951	Frank Schwab	W8YCP (W8OK)
1952	Frank Schwab	W8YCP (W8OK)
1953	Hyde E. Ruble	W8PTF
1954	Rudy Plak	W8ZOF
1955	Allan D. Gunston	W8GQ
1956	Andrew B. Henderson	W8WYL
1957	Robert G. Siff	W8QDI
1958	Ed F. Bonnet	W8OVG
1959	Joseph H. McNutt	W8GFN
1960	Walter G. Burdine	W8ZCY
1961	Robert F. Zimmerman	W8DPW (W8ZM)
1962	Hyde E. Ruble	W8PTF
1963	Richard D. McFadden	K8ERE
1964	Ted Suarez	K8BSC
1965	Robert E. Wilcox	K8EJI
1966	Jim Dakin	K8BPC
1967	Ken Mills	W8RLY
1968	George Shearer	WA8IHC (KE8WJ)
1969	George Shearer	WA8IHC (KE8WJ)
1970	Owen Vance	WA8PHW
1971	Jules Wittebort	W8SE
1972	Budd Chaney	WA8UUX
1973	Wesley Duckwitz	W8TPT
1974	Ken Mills	W8RLY
1975	Robert O. Wilson	W8JRN
1976	Robert O. Wilson	W8JRN
1977	Melvin L. Levy	WA8YKV
1978	Melvin L. Levy	WA8YKV
1979	William G. Ingling	W8SVI
1980	William G. Ingling	W8SVI
1981	Victor M. Stauder	N8FPF (WA2KOO)
1982	Victor M. Stauder	N8FPF (WA2KOO)
1983	Thomas Holmes	N8ZM
1984	Victor M. Stauder	N8FPF (WA2KOO)
1985	Edgar “Red” Smith	W8RKL
1986	Ray Smith	KR8B
1987	Ray Smith	KR8B
1988	Al Torres	KP4AQI
1989	Thomas Holmes	N8ZM
1990	Thomas Holmes	N8ZM
1991	Ron L. Moorefield	W8ILC
1992	Thomas Holmes	N8ZM
1993	Victor M. Stauder	N8FPF (WA2KOO)
1994	Thomas Holmes	N8ZM
1995	Dave Coons	WT8W
1996	Dave Coons	WT8W
1997	Michelle Ervin	KA9FUL
1998	Gary Des Combes	N8EMO
1999	Gary Des Combes	N8EMO
2000	John Phillips	N8ZGT
2001	Reuben Meeks	W8GUC
2002	Reuben Meeks	W8GUC
2003	Mike Buehler	N8XGA
2004	Mike Buehler	N8XGA
2005	Mike Kalter	W8CI
2006	Mike Kalter	W8CI
2007	Jim Simpson	WB8QZZ
2008	Jim Simpson	WB8QZZ
2009	Steve Coy	K8UD

Dayton Amateur Radio Association

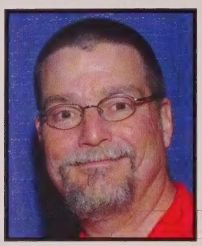
DARA Board

Steve Coy, K8UD
President

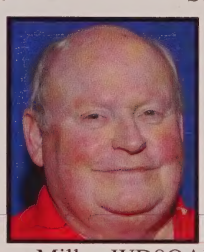
Jim Simpson, WB8QZZ
Vice President

Nancy Krodel, KC8RMT
Secretary

Jon Thuermer, KB8SRQ
Treasurer



Mark Erbaugh, N8ME
Junior Trustee



Jerry Miller, WD8QAI
Senior Trustee

Lee Boeckerman,W8LFB
Hamvention General Chair

Planning Council

Ross Brown, WA8DQH

Glenn Hockwalt, W8AK

Carl Rose, K8CPR

DARA Committees

Activities	Mike Buehler
APRS	Ed Collins/Todd Collins
ARRL	Ron Moorefield
ATV Repeater	Jessie Nicely
Audio Support	Ross Brown
B-Road	Glen Hockwalt/Ken Tilford
B-Road Custodian	Darrell Wickerham
DSTAR Coordinator	Joe Brassard
DX	Don DuBon
Education	Don Dubon/Chris Jebens Dave Kalter/Dan Puckett
Emergency Coordinator	Ron Moorefield
Equipment Custodian	Glen Hockwalt
Estate Administrator	Phil Baldwin
Fellowship	Laura McNabb
Historian	Ed Collins/ Dan Puckett/Ron Cramer
Hospitality	Joe Sheline/Pam Simpson
Info Line	Shirley Roberts
Key Fobs	Jim Shaw
Lickem-Stickem	Charles Kaiser
Membership	Earl Moreo/Ken Tilford
Parliamentarian	Reuben Meeks
QSL Manager	Rob Lunsford/Jeff & Hazel Everets
Recruiting	Dave Kalter
Red Cross Liaison	Larry McCoy
Repeaters	Glen Hockwalt
RF Carrier Publisher	Jerry Miller
sergeant -at-Arms	Ken Tilford
Satellites	Dave Kalter
Scholarship	Mark Tessner
Van Coordinator	Mike Crawford
Volunteer Exams	Mark Erbaugh/George Ewing
W8BI/ W8HEQ Trustee	Reuben Meeks
Webmaster	Steve Coy
Winlink/Packet	Todd Collins
Youth Programs	Dave Kalter

Join Today
One of the Largest & Oldest
Amateur Radio Clubs
in the World
BE PART OF IT! GET ACTIVE!
BE RF ACTIVE!

RECEIVE THE MONTHLY NEWSLETTER
"RF CARRIER"

Application for DARA membership is available at the DARA Booth in Hara Arena's Lobby

Repeaters:

220	222.940 (-) MHZ
440	442.100 (+) MHZ
2	146.940 (-) MHZ
ATV	439.25/421.25
	144.34 -COMM
D-STAR	145.270 (-) MHZ
	444.0875 (+) MHZ

Web Sites:

WWW.W8BI.ORG

WWW.HAMVENTION.ORG

The Legend Continues

The Next Generation - Coming Soon

Back in 1973, Kenwood introduced the first affordable HF radio to the world, the legendary TS-520... 27 years later, the TS-570D and the TS-570S with 6 meters were by far the most popular HF and HF+6 transceivers on the market. There have been many technical advancements in amateur radio since then. And now, 37 years later... Kenwood has done it again.

Don't be fooled by big boxes, high price tags, complex operation and broken promises. As Kenwood continues to build outstanding products with unparalleled performance and great value, it's no surprise Kenwood is rated as one of the leading choices for HF radios.

It's not too late to own an HF legend because we still build them today.

KENWOOD
Listen to the Future

www.kenwoodusa.com
ADS#08710

KENWOOD U.S.A. CORPORATION
Communications Sector Headquarters
3970 Johns Creek Court, Suite 100, Suwanee, GA 30024
Customer Support/Distribution
P.O. Box 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745
Customer Support: (310) 639-4200 Fax: (310) 537-8235